

For Modellers by Modellers!

February 2016 · Volume 20 · Number 4

UK price: £4.50

www.guidelinepublications.co.uk

MILITARY MODEL CRAFT INTERNATIONAL

Panzers in Kunduz

Meng Model's
PzH2000



Feeling the Cold?

Tamiya's new
Somua S35
certainly is!

Make Mine a Merc

MiniArt's MB1500A

Scale Model World 2015

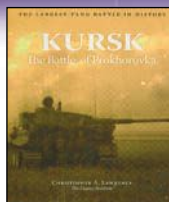


Reviewing the Latest in Kits, Accessories and Books

Aviation & Military Book Centre

Military & Civil Aviation – Military Weapons & Equipment – Naval Vessels

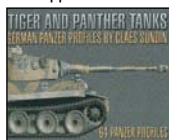
WWW.aviationbookcentre.com



Kursk Battle of Prokhorovka
C Lawrence The Battle of Prokhorovka is the first definitive account of the largest tank battle in history. A unique tome which draws upon both German and Russian archive records and is built from the actual unit records from both sides. Includes 289 photos, 29 fold-out maps and 94 maps.
HB 1650pp **£160.00**



Profiles of German Tanks
No II C Sundin Lavishly illustrated book containing 64 colour profiles of German Panzers. Each full page profile includes written text explaining the history of the markings.
HB 68pp **£24.00**



Tiger and Panther Tanks
German Panzer Profiles by Klaus Sundin Lavishly illustrated book containing 64 colour profiles of German Panzers. Each full page profile includes written text explaining the history of the markings.
HB 68pp **£24.00**



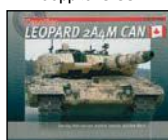
Histoire de Guerre Blindes & Materiel H53
FRENCH TEXT. B&W photos, colour profiles Cent Mille Vehicules de l'armee francaise 1-50000 with 40 profiles and 275 illustrations.
SB 82pp **£11.99**



The Great War Illustrated 1914
W Wilkinson The Great War Illustrated series begins with 1914 and includes many unpublished photos.
HB 368pp **£25.00**



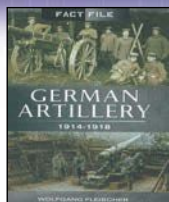
Art and the War at Sea 1914-45
C Riding Drawing on the first-class collections of paintings, works on paper (including drawings, photography and posters) and archival material, such as private papers, journals and memoirs, held at the National Maritime Museum, London, the artistic response to the war and more. Colour and B&W illustrations.
HB 206pp **£40.00**



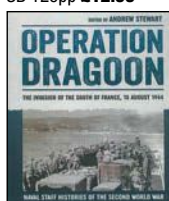
Canadian Leopard 2A4M CAN
D Hay Photo album containing large format, colour walk-around captioned photos of Canada's latest battle tank, looking specifically at the tank in service in Canada without the slats and without the Barracuda. Also covers Afghanistan.
SB 80pp **£18.50**



Tanker Techniques Magazine (2) Extra
Armor K Pulnick Heavy armour and feature articles on builds including M-36 Serbian Jackson and much more. Colour photos.
SB 98pp **£8.99**



Fact File German Artillery 1914-1918
W Fleischer Overview of German artillery used during the Great War including field artillery guns, anti-aircraft guns, mortars and howitzers.
SB 126pp **£12.99**



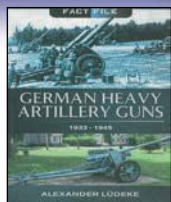
Operation Dragoon. The Invasion of the South of France, 15 August 1944
S Andrew Study of the Allied landings that took place in Southern France in August 1944 represented one of the concluding elements of the wartime Mediterranean campaign. Maps and tables.
HB 128pp **£25.00**



Post-War on the Liners
W Miller From the magnificent Cunarders Queen Mary and Queen Elizabeth, Italian Line's Augustus, Union-Castle's Bloemfontein Castle, P&O's Oronsay, and Shaw Savill's Southern Cross to the lesser known-Fyffes Line's Golfito and much more.
SB 96pp **£18.99**



Steel Masters Hors Serie 3 Nov 2015
FRENCH TEXT. Paper panzers and prototypes, Durchbruchswagen DW2; KV-5 Finlandais; PzKpfw VII Lowe plus many others.
SB 84pp **£6.99**



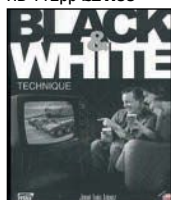
Fact File German Heavy Artillery Guns 1933-1945
A Ludeke Overview of the history of German Artillery used during WWII, with technical data, facts and pictures. Black & white and colour photos.
SB 126pp **£12.99**



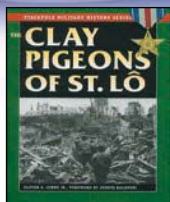
The Silent Deep
The Royal Navy Submarine Service Since 1945 J Jinks The first authoritative history of the British submarine service since the end of the Second World War to the present. The book is written with privileged access to both documents and personnel.
HB 864pp **£30.00**



Rare Wheels Vol.1 A pictorial journey of lesser known softskins 1934-45
P Dolezal Portrays the lesser known vehicles of WWII; the trucks and cars. It is arranged chronologically and starts before the outbreak of war, through Poland and Europe and on to the Eastern Front.
HB 112pp **£21.99**



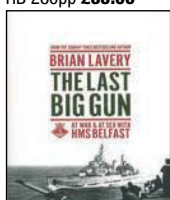
Black & White Techniques
J Lopez Explains in detail the black and white technique of colour modulation including Basic Ideas; Applying the b&w technique plus more.
SB 110pp **£17.99**



The Clay Pigeons of St. Lo
G Johns The story of the fall of St. Lo, the first major objective of the invading American armies in Normandy in June 1944 through the accounts of Glover Johns.
SB 250pp **£21.95**



The First World War. Unseen Glass Plate Photographs of the Western Front
C Keyzer This book presents rare glass plate photographs, that reveal the war with previously unseen clarity. Scanned from the original plates, with scratches and other flaws expertly removed.
HB 280pp **£55.00**



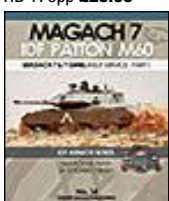
The Last Big Gun At War & At Sea with HMS Belfast
B Lavery The first complete 'biography' of HMS Belfast, the last illustrious survivor of the last big-gun head to head broadside engagement at sea. B&W photos.
HB 350pp **£25.00**



LOS! 22 Le Magazine de la Guerre Navale, Aeronavale et Sous-marine
FRENCH TEXT. Lavishly illustrated: La bataille du Jutland; La mêlée de Mobile Bay and much more.
SB 82pp **£6.99**



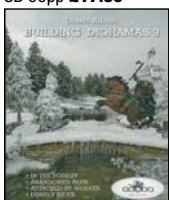
Sixty Years of Airfix Models
J Brook The story of Airfix which has been at the forefront of the industry since 1955 when the first Airfix aircraft kit appeared in UK. 350 Colour photos
HB 176pp **£25.00**



Magach 7 IDF Patton M60
Magach 7 & 7 Gimel in IDF Service Part 1 M Mass Colour photo album containing an extensive collection of previously unpublished photographs of the Magach 7 & 7C in Israeli Defence Force Service. Includes technical drawings.
SB 78pp **£22.99**



Models and Figures 11 The Story of Revell
The Revell Volume 1 1950-1986 J Carbonel Looks back at the origins of the Revell company starting with its first kit in 1951 a clunker Maxwell 1:16. Colour throughout.
SB 90pp **£17.50**



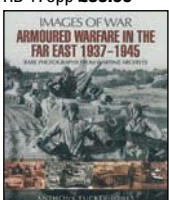
Images of War. Armoured Warfare in the Far East 1937-1945
A Tucker-Jones Visual introduction to the armoured battles of WWII in the Far East and Asia-Pacific regions from 1937-45. Illustrates the role of armoured vehicles in each theatre of the war.
SB 144pp **£14.99**



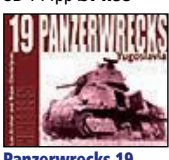
Panzer IV on the Battlefield
World War Two Photobook Series C Ellis Hungarian/English captions. This photo album contains 104 rare black and white large format photos of the Panzer IV.
HB 112pp **£23.99**



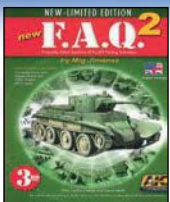
Les Elephants de Guerre du Colonel de Gaulle
Chars D2 Au Combat S Bonnaud FRENCH TEXT ONLY. Superb selection of photos of Char D2 tanks and their crews in action. Contains a wealth of invaluable information for modelers including colour profiles and tank crew uniforms. Lavishly illustrated throughout.
HB 175pp **£36.00**



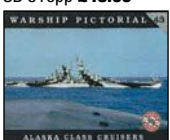
Images of War. Armoured Warfare in the Far East 1937-1945
A Tucker-Jones Visual introduction to the armoured battles of WWII in the Far East and Asia-Pacific regions from 1937-45. Illustrates the role of armoured vehicles in each theatre of the war.
SB 144pp **£14.99**



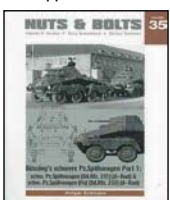
Panzerwrecks 19 Yugoslavia
L Archer This book covers German AFV wrecks in Yugoslavia, their employment in partisan and post war service. 151 rare large format black and white photos.
SB 96pp **£16.99**



FAQ Frequently Asked Questions of the AFV Painting Techniques Volume 2
3rd Edition M Jimenez Second volume of the Definitive book on the art of painting and transforming military vehicles including the hairspray, colour modulation, streaking effects, oil, mud, tracks and dioramas. English language version. Lavishly illustrated throughout with colour photos.
SB 316pp **£48.99**



Warship Pictorial 43 Alaska Class Cruisers
S Wiper Contains general history of the Alaska Class Cruisers and a plethora of large format black and white captioned photos.
SB 72pp **£15.99**



Nuts & Bolts Vol.35: Büssing's schwere Pz.Spähwagen Part 1
- schw.Pz.Spähwagen (SdKfz.231) & schw.Pz.Spähwagen (Fu) (SdKfz.232) (8-Rad) H Erdmann Contains 140 contemporary photos (many unpublished) from manuals, combat and war fronts.
SB 200pp **£25.99**



WWF FAT in Detail WWII Allied Field Artillery Tractors
F Koran Colour photo album containing 142pp of captioned walkaround photos of the WWII Allied Field Artillery Tractors.
SB 142pp **£26.99**

order via our secure website:

WWW.aviationbookcentre.com

T: 01530 231407 (+44 1530 231407) E: sales@aviationbookcentre.com

Post: Aviation & Military Book Centre, PO Box 10159, Coalville, Leics LE67 1WB

We accept: Mastercard, Visa, Visa Delta, Maestro (Switch), Solo, Postal Orders, £ Sterling Cheque drawn on a UK Bank. Cheques made payable to Aviation Book Centre Ltd.

Delivery charges UK: Order value below £20 = £3.50, £20+above = £5.50
Overseas: Standard Airmail please add 15% of order value. Minimum £5.50. Priority Airmail please add 20% of order value. Minimum £7.50.



AVAILABLE NOW!



1:72
72029

IBG
MODELS

Toldi II a - Hungarian Light Tank



1:72
72030

IBG
MODELS

Toldi III - Hungarian Light Tank



1:700
70001

IBG
MODELS

ORP Ślęzak 1943 Hunt II class destroyer escort



1:700
70002

IBG
MODELS

ORP Kujawiak 1942 Hunt II class destroyer escort

IBG MODELS

2, Benedykta Hertzka street 04-603 Warsaw, Poland

tel.: +48 22 815 91 50 ♦ fax: +48 22 815 91 51 ♦ e-mail: ibgsc@ibg.com.pl

Available in the UK: HANNANTS LTD and all good model shops

Publisher

Guideline Publications

www.guidelinepublications.co.uk

Chairman

Régis Auckland

Email:

regisauckland@btinternet.com

Editor

David Grummitt

20 Warwick Road, Whitstable

CT5 1HX United Kingdom

Email: davidgrummitt942@hotmail.com

TL6784onwardsandup@myself.com

Assistant Editor

Moustafa Assad

Email: masss11@hotmail.com

Group Marketing and PR Director

Tom Foxon

E-mail: tom@regallitho.co.uk

Mob: +44 (0) 7540 153368

Design

Lincoln Rodrigues

Subscriptions

Guideline Publications Ltd.

Unit 3, Enigma Building, Bilton Road, Denbigh East,

Bletchley, Buckinghamshire MK1 1HW, UK

Tel: 01908 274433 Fax: 01908 270614

Email: guidelines@regallitho.co.uk

Guideline Publications Subscription

Agent for the USA.

Larry Weindorf

c/o For The Historian, 42 York Street,

Gettysburg PA 17325

Tel: 717-685-5207

Email: tampacollector@yahoo.com

Distributed to the UK and

International news trade by:

Intermedia www.inter-media.co.uk

via

MarketForce (UK) Ltd., 110 Southwark Street

London SE1 0SU www.marketforce.co.uk

MMI Shop

Guideline Publications Ltd.

Unit 3, Enigma Building, Bilton Road, Denbigh East,

Bletchley, Buckinghamshire MK1 1HW

Tel: 01908 274433 Fax: 01908 270614

Email: guidelines@regallitho.co.uk

Trade Sales to Model Shops

Guideline Publications Ltd. (Address as MMI shop above)

Printed By

Regal Litho Ltd., Unit 3, Enigma Building, Bilton Rd,

Denbigh East, Bletchley, Buckinghamshire MK1 1HW

Tel: 01908 270400

Email: estimating@regallitho.co.uk

Web: www.regallitho.co.uk













Features...

- 24 1/35 Make Mine a Merc**
MiniArt's MB1500A gets the treatment courtesy of **Özgür Güner**.
- 32 1/72 M[aneuver] C[ombat] V[ehicle]**
Luciano Rodriguez comes bang up to date in Small-Scale.
- 38 1/35 A Cold and Frosty Morning . . .**
José Luis Lopez Ruiz takes Tamiya's Somua out of its comfort zone.
- 46 MMI Somua S35 Profiles**
Mark Rolfe's Camouflage and Markings.
- 48 MMI Showtime Scale Model World Telford 2015**
Gary Hatcher reports from arguably the biggest and best Telford event ever.
- 52 1/35 Panzers in Kunduz**
Pascal Bausset presents Meng Model's Pz 2000 as an ISAF vehicle.
- 62 1/35 Achtung Jabo!**
Mike Sicilia presents a dynamic Normandy diorama.



Regulars...

- 06 The Forum**
News and Views.
- 08 News at the Front**
An in-depth look at latest releases.
- 18 The Quartermaster's Store**
A round up of the latest releases.
- 68 The Final Post**
Roman Volchenkov opens the box on Bronco Models' Horch Radio Car
- 70 Words and Pictures**
Expand your media reference library.
- 74 Stars of the Next Issue**
What's in March 2016's MMI?

Key to Scales used in MMI	
 1/6 = 300mm	 1/35 = 51mm
 1/10 = 200mm	 1/48 = 36mm
 1/16 = 120mm	 1/72 = 25-28mm
 1/18 = 90mm	 1/76 = 24mm
 1/24 = 70-75mm	 1/144 = 13mm
 1/32 = 54mm	 MMI = no scale, reference articles, Industry news



Military Modelcraft International is published monthly by Guideline Publications. This magazine shall not, without written consent of the publisher, be lent, resold or otherwise disposed of by way of trade in excess of the maximum recommended retail price. All rights strictly reserved. No part of this publication may be reproduced in any way without prior agreement of the publisher. All material and artwork originated by Guideline Publications Ltd., photographs, drawings and plans used in the magazine become the publisher's copyright under copyright law. The company reserves the right to suspend or refuse any advertisements without giving reasons. Whilst every care is taken to avoid mistakes, Guideline Publications Ltd. cannot be liable in any way for any errors or omissions. Nor can the publication accept responsibility for the bona fides of advertisers.

ANNUAL SUBSCRIPTIONS

15 issues

UK inland rate £49.50pa

Europe £64.00pa

R.O.W £85.00pa

USA/Canada \$127.00

30 issues

UK inland rate £94.00

Europe £123.00

R.O.W £162.00

USA/Canada \$240.00

Guideline Publications Ltd.,
Unit 3, Enigma Building,
Bilton Road, Denbigh East,
Bletchley, Buckinghamshire
MK1 1HW, UK

Tel: 01908 274433

Fax: 01908 270614

Email:

guidelines@regallitho.co.uk

ISSN 1364-419X

Competition Rules

Employees of Guideline Publications Ltd and the Provider(s) of the Prize(s) and their immediate families are not eligible to enter. One entry per household. The decision is final and no correspondence will be entered into. No responsibility can be taken for entries that are damaged, delayed, mislaid, or wrongly delivered. Guideline Publications Ltd accept no responsibility for any damage or injury caused by competition prizes. Any enquiries should be directed to the manufacturer or retailer.

INDEX TO ADVERTISERS

ABC	P02
IBG	P03
Attack Hobby	P07
Mirror Models	P09
Eduard	P09
Pocketbond	P11
Revell	P13
Sprue Brothers	P15
Hauler	P15
Deans	P15
Special Hobby	P17
CMK	P17
IBG Ships	P17
Asuka Odel	P37
Quick Wheels	P37
Matador Models	P37
Squadron	P45
Mustang	P61
Olaf Models	P61
Southern Expo	P73
On Track	P73
Hannants	P75
Vallejo	P76

Forum



Welcome to the first issue of 2016 (cover dated February, on sale in January and put together in December, but that's magazine publishing for you!). At the start of the year we always like to take stock of what we want to achieve, a kind of editorial 'New Year's Resolutions' if

you will. There are three things I've been aware of in the last year which I hope we can address in 2016. The first is the dominance of 1/35-scale. While this is inevitable and desirable, I don't like to see issues that have no Small-Scale or Quarterscale content, so if you do work in these other scales please get in touch! Second, the emphasis on painting and weathering: again, while this is predictable enough given the quality of today's plastic kits, it would be nice to see some more

content focusing on the building side of the hobby. Finally, it would be nice to see some more diorama- or vignette-based articles and particularly some more content on figure modelling, particularly in concert with armour. As ever though, we're dependent on what you our readers submit.

We're also going to be having a look at the design of MMI over the coming months, so do please let us know what you think of the magazine and what you would like to see more (or less) of in the coming issues.

This issue has a good range of subjects which addresses some at least of my New Year's Resolutions. First, we have Özgür Güner's build of MiniArt's MB1500A. Then we drop down to Small-Scale as MMI-

regular and master modeller Luciano Rodriguez tackles an unusual subject from Aoshima, the JGSDF's prototype MCV. Another regular name in these pages, José Luis Lopez Ruiz, returns with his take on Tamiya's excellent Somua S35 (a subject complemented by Mark Rolfe's superb colour profiles), while Pascal Bausset presents his take on Meng Model's PzH2000 (alongside some great images of the guns in action in Afghanistan). Finally Mike Sicilia makes a very welcome return with a dynamic diorama built around a classic kit – Tamiya's Type 82 Kübelwagen – and a classic theme – the battle for the Bocage. Until next month, my very best wishes for 2016 and happy modelling!

David

David Grummitt Editor



News - Spring 2016 Legends are coming

ATTACK KITS

Marmon Herrington Mk. II MFF

1:72 Hobby model
Plastic model kit
72901



**ATTACK
KITS**

The first model produced using the new 3D technology.

**L1500S Wehrmacht
Light Truck 4x2**

1:72 Hobby model
Plastic model kit
72903

PROFI



**ATTACK
KITS**

**L1500A Wehrmacht
Light Truck 4x4**

1:72 Hobby model
Plastic model kit
72904

PROFI



**ATTACK
KITS**

March - April 2016

72900 PzKpfw II Ausf.C Africa
72901 Marmon Herrington Mk.II MFF (Hobby)
72903 L1500S Wehrmacht Light Truck 4x2
72904 L1500A Wehrmacht Light Truck 4x4

Latest releases

PzKpfw II Ausf.C

1:72 Hobby model
Plastic model kit
72900



**ATTACK
KITS**

PzKpfw II Ausf.C

1:72 Hobby model
Plastic model kit
72900



**ATTACK
KITS**

SU-76i Wehrmacht

1:72 Hobby model
Plastic model kit
72904



**ATTACK
KITS**

SU-85i

1:72 Hobby model
Plastic model kit
72904



**ATTACK
KITS**



Metal Gun Barrels

Included in new „Profi“ kits

Available as separate sets:

72M001 T-34/76 F-34 76,2mm

72M002 Set Panzer II

(2 cm KwK 30 + MG 34)

72M003 Set Panzer I (2x MG 34)

Attack Hobby Kits s.r.o., Pobrezni 249/46, 186 00 Praha 8, Czech Republic

www.attack-kits.eu

Available in the UK: HANNANTS LTD



News at the Front

An in-depth look at some of the latest releases

Takom

1/35

David Grummitt

An exciting raft of releases this month from Takom, who continue to produce new kits at a frightening pace. The highlight is new moulds for the AMX-13 Light Tank, one of the most innovative and interesting AFVs of the post-War period. Takom have released three new kits of this vehicle: **AMX-13/75 (ref. 2036)**, **AMX-13/90 (ref. 2037)** and **AMX-13/75**

w/SS-11 ATGM (ref. 2038). We'll be looking at these in more detail once we have our hands on them, so watch this space. Also from Takom we have the **MP9 ACE (ref. 2020)** and, something very different, the **Krupp 420mm Big Bertha (ref. 2035)**. Our thanks to Takom's UK importer, Pocketbond (www.pocketbond.co.uk), for the information.



Trumpeter

1/35

David Grummitt

If Takom are prolific in their new releases, then Trumpeter are positively frenetic. This month sees three new releases, all very different, and testimony to the ambition and output of the Chinese manufacturer. The **Ex-Soviet 2P19 Launcher w/R-17 Missile (SS-1C SCUD B) 8K14 Missile System Complex (ref. 01024)** looks a beast of kit and this early SCUD missile delivery system will look very impressive assembled, painted and weathered. The **Russian URAL-375D (ref. 01027)** is a more understated but no less important release, while the **Soviet JS-**

1 Heavy Tank (ref. 05587) fills an important gap for fans of World War II Soviet armour. Trumpeter's quest to kit out the entirety of the Red Army's arsenal continues with the release of **Soviet MT-LB (ref. 05578)** and **BRDM-1 (ref. 05596)**, while the 1/6-scale **PLA Type 63 107mm Rocket Launcher (ref. 01920)** is an interesting and unusual release. Again, our thanks to Trumpeter's UK importer, Pocketbond (www.pocketbond.co.uk), for the information.



Mirror Models - Reflecting Reality

CMP C60L PETROL TANK TRUCK

3 ton 4x4 chassis
Cab 13



PRECISION PLASTIC MODEL KIT NO. 35163

CMP C60L GS TRUCK with winch

3 ton 4x4 chassis
Cab 11



PRECISION PLASTIC MODEL KIT NO. 35162

CMP C60S Holmes Breakdown Wrecker

3 ton 4x4 short chassis
Cab 13



PRECISION PLASTIC MODEL KIT NO. 35164

BRITISH MORRIS C8 QUAD MK.III No.5



1/35
SCALE



PRECISION PLASTIC MODEL
KIT NO. 35008

BRITISH MORRIS C8 QUAD MK.II No.1



1/35
SCALE



PRECISION PLASTIC MODEL
KIT NO. 35009

BRITISH MORRIS C8 QUAD MK.III No.2



1/35
SCALE



PRECISION PLASTIC MODEL
KIT NO. 35010

U.S. DIAMOND T968 CARGO TRUCK

1/35 SCALE



PRECISION PLASTIC MODEL KIT NO. 35007

U.S. DIAMOND T 972 DUMP TRUCK

1/35 SCALE



PRECISION PLASTIC MODEL KIT NO. 35004

Available now!!

Visit our new shop at www.mirrormodels-shop.co.uk

Coming soon:

- 1/35 CMP HUP (3 variants)
- 1/35 CMP C60L Water Truck
- 1/35 CMP C60S Dump Truck
- 1/35 CMP 6 pdr Portee
- 1/35 CMP C15A Personnel Lorry
- 1/35 CMP CGT 7B3, 7B1
- 1/35 CMP LAAT
- 1/35 CMP C60X 6x6 based trucks
- Ford F30 and F60 based trucks
- and special purpose vehicles

Z-32 DESTROYER

DRAGON

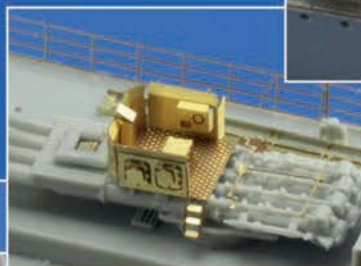
photo-etched sets

Cat. No. 53151

Cat. No. 53152

1/350

eduard



www.eduard.com

News at the Front

An in-depth look at some of the latest releases

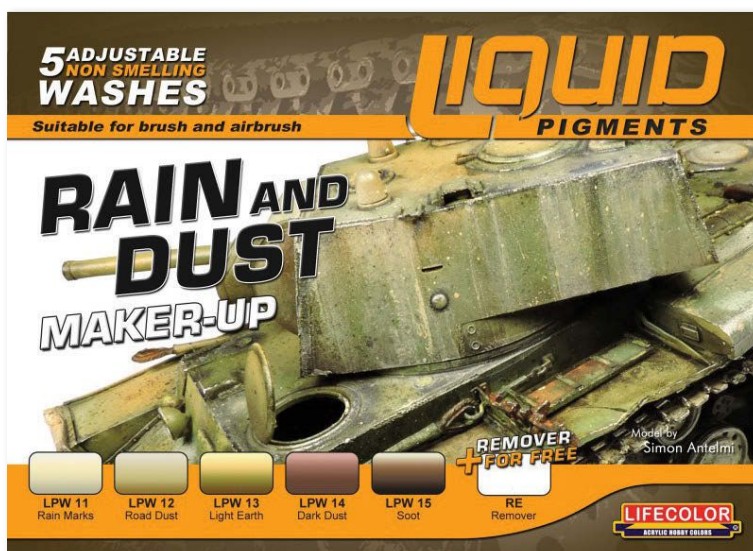
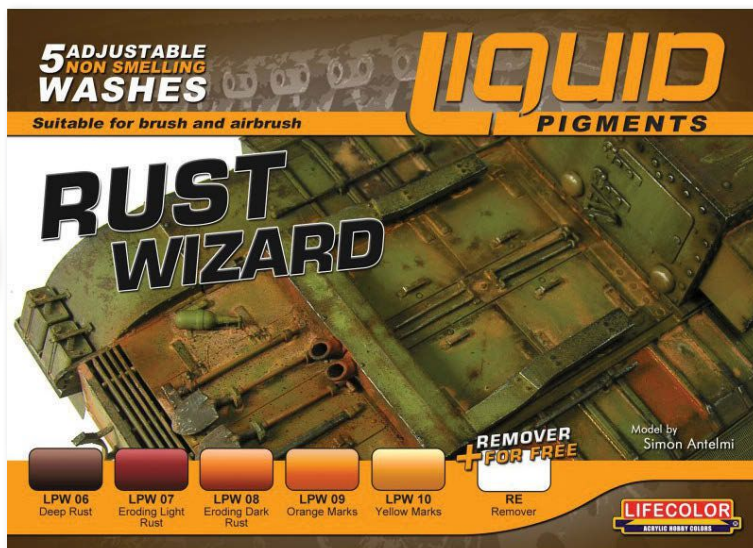
LifeColor

David Grummitt



There is little doubt that modellers now face a bewildering choice of paints, pigments, washes and other specialist products to finish their models and hopefully achieve the effects seen in the pages of this and other magazines. If you're a newcomer to the hobby, or simply an old hand wanting to try some new techniques, the choice can be a little daunting. Basically, however, if we accept that almost every modeller now uses acrylic (water-based) paints to apply the base colours of their models, the choice comes down to either acrylic (water-based) washes and pigments or oil/enamel-based ones. One of the main advantages with the former, of course, is that they can be cleaned up with water and, generally speaking, eliminate the use of foul-smelling and potentially dangerous solvents, something not to be sneezed at by all of us who are still 'kitchen-table' modellers.

Italian-firm LifeColor produce a large range of acrylic paints that can be applied by either brush or airbrush and also have an increasingly wide range of weathering products. Their 'Liquid Pigments' range replicate the more conventional oil and enamel-based washes and filters using odour-free acrylic solutions that can be applied and removed completely if you're not happy with the result using their own 'Remover' solution. Their UK distributor, the Airbrush Company, have recently sent us three sets that enable modellers to weather their masterpieces with conventional pin washes, rust effects and rain and dust marks. **Detail Emphasizer: Tanks & Vehicles (ref. LP01)** is a set of five dark pigments and a jar of Remover suitable for pin washes and other washes to pick out detail. **Rust Wizard (ref. LP02)** contains five different rust shades and Remover, while **Rain and Dust Makeup (ref. LP03)** contains four dust and rain mark colours, Soot and Remover. The ability to completely remove these washes without leaving a trace or tidemark sounds very appealing and they are certainly a viable alternative to the more widely used enamel-based washes and filters commonly used to achieve these effects. Our thanks to the Airbrush Company (www.airbrushes.com) for the review samples, check out their website for details of the full LifeColor range.



MODEL KITS FROM AROUND THE WORLD

POCKETBOND DISTRIBUTION

AVAILABLE IN ALL GOOD MODEL SHOPS



The new Pocketbond 2016/17 144 page colour catalogue is packed with pictures of more than 2,500 plastic kits from around the world! For your free copy send a £1.51 stamped addressed A4 envelope to the address below.

UK residents only. Allow 28 days for delivery.

Exclusive UK Distributors POCKETBOND LTD (Dept MMI/I602)

P.O. BOX 80, WELWYN, HERTS, AL6 0ND. Trade enquiries only on tel 01707 391509, fax 01707 327466, info@pocketbond.co.uk, www.pocketbond.co.uk



News at the Front

An in-depth look at some of the latest releases

London Plastic Modellers' Show

Sunday 7th December saw the third London Plastic Modellers' Show at the Islington Business Design Centre. The show was an efficiently run event incorporating club displays, traders, demonstrations and an open competition and was a very welcome return of such an event to the centre of London. The venue is excellent, well appointed, and very well connected for public transport with Angel tube station less than five minutes walk away.

The competition standard was as high as ever with congratulations in particular to Mr Konstantine Malinovsky for winning best of show with a 1/72 AFV. Beyond the scope and competence of this writer, but even diehard aircraft modellers could recognise the quality of the workmanship.

Thanks to all the clubs and traders who took part. It was a great day out and we look forward to the next one.

Gold winners were as follows:

- 1) Aircraft 1/48 and larger the winner was Carl Pratley
- 2) Aircraft smaller than 1/48 the winner was Colin Pickett
- 3) Military Vehicles 1/35 and larger the winner was Annabel Eagle
- 4) Military Vehicles smaller than 1/35 the winner was Konstantine Malinovsky
- 5) Dioramas the winner was James Schembri
- 6) Figures and Busts the winner was Eric Sanger
- 7) Miscellaneous (ships, cars, civilian and Sci-fi) the winner was James Schembri
- 8) Junior, Models all types and scale Arthur Forster-Toy



Yes it's tiny! The quality of the paint finish and exquisite detail on this 1/72 AFV won gold in its class and Best in Show



This beautifully painted Trumpeter Hurricane won gold for larger scale aircraft.



Placed by the judges by virtue of the beautifully painted textiles, this 54mm Cavalier was exquisite..



Mr Konstantine Malinovsky accepts a well deserved trophy from the editor, David Grummit. Mr Malinovsky won prizes for both armour and aircraft in the smaller scale categories.



This strange 1/72 Avrocar may have looked like a sci-fi model but it won gold for Mr Colin 'Flying' Pickett in the smaller aircraft category..



A 1/32-scale Matchbox Lysander: the understated external finish and nicely fitted out interior won it silver in the larger scale aircraft category.

News at the Front

An in-depth look at some of the latest releases

Stephen Pile



Trumpeter's M1132 in 1/35. This engineer's vehicle was equipped with interior lighting that showed off the extent of the work carried out by the modeller. Another well-deserved gold medal.



Silver in the Juniors section. Some of the best mud you could hope to find and some nicely flattened crops – sugar beet? – trampled underfoot by the gun crew. A nicely conceived and well-executed diorama.



The winner of the Junior class, Arthur Forster-Toy, receives his prize.

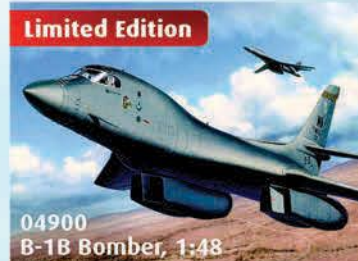
Hand picked selection for 2016

NEW TOOL



04869
Focke Wulf Fw190 F-8, 1:32

Limited Edition



04900
B-1B Bomber, 1:48



04997
Concorde, 1:72

NEW TOOL



07008
BMW i8, 1:24

Available from branches of

hobbycraft

and all good Toy and Model shops and online at
amazon.co.uk

Visit our brand new website and online shop

www.revell.de/en

facebook.com/Revell @RevellGermany

Revell
Build Your Dream!

Revell GmbH, Unit 10, Old Airfield Industrial Estate,
Cheddington Lane, Tring, HP23 4QR
Tel: 0845 459 0747, Fax: 01296 660041,
Email: ukbranch@revell.de
©2015 Revell GmbH. A subsidiary of Hobbico, Inc.
All rights reserved. Trade enquiries welcome.

News at the Front

An in-depth look at some of the latest releases

Sparmax

Gary Hatcher

It has always been my policy to promote the use of airbrushes: not in opposition to brush painting, which is a medium many use to achieve the highest standards of finishing, but as an extension of modelling skills – an additional tool that can achieve results and finishes that are simply not possible with a brush because that is not what they were designed to do. Sensitive souls frequently take umbrage erroneously perceiving this as an attack on their chosen medium but having many times attempted to change a plug with a kitchen knife instead of a screwdriver I maintain it is simply a matter of using the right tool for the right job. Another argument I hear often is that 'I can't afford it'. This frequently comes from modellers with a dozen unbuilt HK kits in the loft, and is even less relevant now that so many good tools are available at reasonable prices. Enter Sparmax... UK dealer The Airbrush Company has passed on a wonderful set of equipment for review that offers affordability with a good quality product, ease of use and an excellent warranty and support package. Airbrushing just got even easier.

First, we have the **Sparmax ARISM Mini Compressor (ref. C-AR-MINI)**. Introducing a new generation of compressors with more power in smaller units, the Sparmax ARISM Mini is a powerful and compact compressor designed for workbench applications whilst saving the user space. As a smaller unit, it is also designed to be highly portable, and is an ideal choice for those 'modular' modellers lacking a permanent workspace who need to pack things away frequently or at short notice. In fact it takes up little more space than a can of air and needs only a mains socket to be up and running. In keeping with its compact nature, the ARISM Mini also has a built-in airbrush holder on its handle. This is the quintessential compact compressor for all ages and experience levels, and is available in eight colour options. Ours was 'Sky Blue' but the pink one is divine. Features include: low maintenance, oil-less single piston air compressor; working pressure from 0 psi to 28 psi; 2M braided hose; pressure adjuster; handle with built in airbrush holder. It has an air flow of 12 - 14 lpm (0.42 - 0.49 cfm) at open flow and a 1/8 BSP outlet on the compressor. **It's vital statistics are** L17.5 x W9 x H18.2 cm (5.6" x 3.5" x 6.6"), weight: 2.5 kgs (5.5 lbs), voltage: 220-240V 50Hz, noise level: 49±dB, and a duty cycle of 30 minutes continuous use. The ARISM Mini comes with a one-year warranty and is compatible with most brands of airbrush. At £95, it's a steal!

The **Sparmax MAX-4 Airbrush with Pre-set Handle and Crown Cap (ref. SP-MAX-4)** is a dual-action airbrush but can be easily converted to single-action with the single-action Air Valve that is included. It also features a pre-set handle, which limits the colour flow to avoid over-shooting, and a Crown Cap allowing you to get closer to your work and thus achieve finer detail, whilst still protecting the needle.

Road testing these items found them user-friendly and very easy to set up and take down. Cleaning the Sparmax was painless and it was very similar to the Iwata I have been using in many respects.

Except the price! That is one of the wonderful things about this equipment. For £140 you can be up and running with a compact airbrushing set-up. Thanks to the Airbrush Company for the review samples. www.airbrushes.com



News at the Front

An in-depth look at some of the latest releases

Sparmax

Gary Hatcher



Sprue Brothers Models LLC

All Loaded Up
GO AHEAD
You Know You Want To



We Offer The BEST

- ✓ SELECTION
- ✓ SERVICE
- ✓ SHIPPING

spruebrothers.com

WWW.HAULER.CZ



ETCHWORKS.eu
custom photoetchings



1/87 HO kits and accessories
HLR87182 Culemeyer 80ton
HLR87183 The Warsaw Pact weapons set
HAULER AFV 1/72 accessories
HLH72049 Kubelwagen (S-model)
HLH72050 Kettenkrad (S-model)
HAULER AFV 1/48 accessories
HLX48368 Euro pallet
HLX48369 Disposable pallet
HAULER AFV 1/35 accessories
HLU35088 Ukraine police shield (4pcs)
HLU35089 Somua S35 BASIC (TAMIYA)
HLU35090 Somua S35 GRILLS (TAMIYA)

New & Collectable Model Kits
Supplies

Dean's

**Hobby
STOP**

We Buy Model Collections

116 N. WASHINGTON ° OWOSSO, MI 48867 ° 989-720-2137

www.deanshobbystop.com

e: dean@deanshobbystop.com

News at the Front

An in-depth look at some of the latest releases

Classy Hobby

1/16

David Grummitt

A new year and an early frontrunner for 'Kit of the Year' in the shape of a 1/16-scale Luchs from a new company, Classy Hobby of Hong Kong. Yes, you heard it right: a 1/16-scale full plastic kit of the Panzer II Ausf. L! The large box (measuring some 48cmx28cmx12cm) is very reminiscent of a Bronco kit, with some attractive box art and expanded CAD



drawings. The **Panzerkampfwagen II Ausf. L 'Luchs' (Sd.Kfz. 123) Light Reconnaissance Tank 9th Panzer Division (ref. MC16001)** appears an impressive debut. The kit contains no fewer than 22 sprues of light grey plastic, a small etched fret, a clear sprue, brown individual plastic track links, and a bag of metal track pins. The first thing that strikes you about this kit is that it is big: the Luchs was a diminutive vehicle, but in 1/16 scale the lower hull is some 23cm in length, while the large dished roadwheels are each more than 4cm in diameter. In many ways the kit is reminiscent of the Tasca kit of a few years ago, but it's not merely a scaling up of its 1/35-scale counterpart. It has a limited interior (the engine cooling fans will be visible through the large photoetched grills), but doesn't have a driver's station, engine, transmission, but does have a passable turret interior. The exterior detailing is very good, with some nice tool clamps (in plastic and photoetch), nicely detailed jerry cans, and call-outs in the instructions that allow you to model precisely one of the three Pz.Aflk.Abt. 9 vehicles that saw action in Normandy in the summer of 1944. The moulding quality is generally very good, although there are one or two sink marks that will require attention, particularly on the road wheels, and a few traces of flash, especially in sprue G (containing the main armament, radio and stowage details). The single link tracks, with metal track pins, look good. The kit includes working torsion bar suspension, so it'll be possible to articulate the suspension to suit some suitable groundwork. The instructions are very clearly drawn (looking rather like a set of Tasca/Asuka instructions) and there is a nice colour sheet with marking and camouflage instructions. Overall, this is a very exciting release in a large scale that provides some fantastic painting and weathering option. First impressions are good, but the proof of the pudding, as they say, will, as ever, be in the building, and we'll hope to bring you a proper build review before too long. In the meantime we have some of the manufacturer's test shots to admire.



News at the Front

An in-depth look at some of the latest releases

Classy Hobby

1/16

David Grummitt



MC16002

W.W.II German 20L Jerry Can & 200L Fuel Drum Set

1/16 SCALE

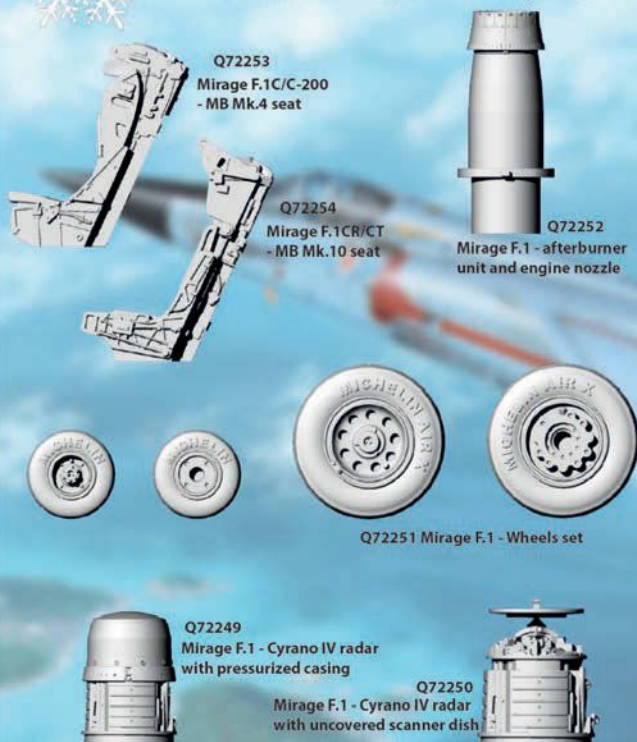


*This is not a toy & for the adult or the user aged 14 or over only.
*Cement & Paint not included.
*Actual model may vary from image of the box.
*Precise model kit ready to assembly.

Also from Classy Hobby we have their second release, **W.W.II German 20L Jerry Can & 200L Fuel Drum Set (MC16002)**. This is exactly what it says on the box, providing four drums and eight jerry cans. Its release promises more German armour in this scale, so watch this space. Our thanks to the Classy Hobby for the review samples. As yet there is no news of UK availability, but it's sure to be available from specialist model shops, probably by the time you read this review.

JANUARY 2016

EVERYTHING FOR MIRAGE F.1 (Special Hobby kits)



www.specialhobby.eu

special
HOBBY

www.cmkkits.com

IBG
MODELS



IBG Models

2, Benedykta Hertzka Street, 04-603 Warsaw, Poland
tel.: +48 22 815 91 50 - e-mail: ibgsc@ibg.com.pl

available in UK: HANNANTS LTD and all good model shops

The Quartermaster's Store



A round up of the latest releases



ACE

Soviet FAI-M Armoured Car

Scale: 1/48
Ref: 48107
SRP: £13.99

See www.acemodel-com.ua



ACE

BTR-80 (early production series)

Scale: 1/72
Ref: 72171
SRP: £14.99

See www.acemodel-com.ua



ACE

**Super Snipe Lorry 8cwt
(FFW - Fitted for Radio)**

Scale: 1/72
Ref: 72552
SRP: £13.70

See www.acemodel-com.ua



**Add on Parts
Barbed Wire Fence**

Scale: 1/35
Ref: 35-0125
SRP: €14.95

See www.addonparts.com



**Add on Parts
Wooden Barrels**

Scale: 1/35
Ref: 35-0126
SRP: €14.95

See www.addonparts.com



**Add on Parts
Metal Suitcases**

Scale: 1/35
Ref: 35-0127
SRP: €7.95

See www.addonparts.com



**Add on Parts
Rotan Suitcases**

Scale: 1/35
Ref: 35-0128
SRP: €7.95

See www.addonparts.com



**Airborne Miniatures
DEVGRU Operatives**

Scale: 1/16
Ref: 072
SRP: \$110.00

See www.airborne-miniatures.com



**Airborne Miniatures
DEVGRU Operative #1**

Scale: 1/16
Ref: 073
SRP: \$49.00

See www.airborne-miniatures.com



**Airborne Miniatures
DEVGRU Operative #2**

Scale: 1/16
Ref: 074
SRP: \$49.00

See www.airborne-miniatures.com



**Black Dog
Ukrainian Army Soldier No.1**

Scale: 1/35
Ref: F35144
SRP: £TBA

See www.blackdog.cz



**Black Dog
Ukrainian Army Soldier No.2**

Scale: 1/35
Ref: F35145
SRP: £TBA

See www.blackdog.cz



**Black Dog
Ukrainian Army Soldiers Set**

Scale: 1/35
Ref: F35146
SRP: £TBA

See www.blackdog.cz



**Bronco Models
British Cruiser Tank A34 'Comet'**

Scale: 1/35
Ref: CB35010SP1
SRP: £TBA

See www.cn-bronco.com



**Bronco Models
Pz.Kpfw.III Ausf.A (SdKfz.141)**

Scale: 1/35
Ref: CB35134
SRP: £TBA

See www.cn-bronco.com



**Customscale
12.8cm Pak 44 Krupp Arbelastet
Vom Panther Gerät 5-1211**

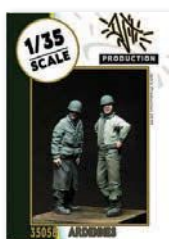
Scale: 1/35
Ref: 35047
SRP: £TBA

See www.customscale.de



The Quartermaster's Store

A round up of the latest releases



Djiti's Production
Ardennes

Scale: 1/35
Ref: 35058
SRP: £TBA

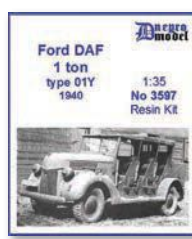
See www.djiti.production.free.fr



Djiti's Production
Wiesel 2 Tracks

Scale: 1/35
Ref: 35059
SRP: £TBA

See www.djiti.production.free.fr



Dnepro Model
Ford DAF 1 ton Type 01Y (1940)

Scale: 1/35
Ref: 3597
SRP: £TBA

See www.dnepromodel.com



Dnepro Model
1935-1941 Ford Truck Wheels (7.5 x 20 Firestone)

Scale: 1/35
Ref: 3598
SRP: £TBA

See www.dnepromodel.com



Dnepro Model
German 200mm Mortar

Scale: 1/35
Ref: 35100
SRP: £TBA

See www.dnepromodel.com



Dnepro Model
Opel Blitz Wheels (6.5 x 18 Continental)

Scale: 1/35
Ref: 35102
SRP: £TBA

See www.dnepromodel.com



Dnepro Model
Opel Blitz 1.5 ton Truck Canvas Cover Upgrade Set (for ICM kit)

Scale: 1/35
Ref: 35103
SRP: £TBA

See www.dnepromodel.com



Hataka Hobby
Modern French Army Paint Set

Ref: HTK-AS25
SRP: £TBA

See www.giesbers-denbels.nl



Hataka Hobby
Modern French Army Paint Set

Ref: HTK-AS26
SRP: £TBA

See www.giesbers-denbels.nl



Hataka Hobby
German 'Red Primer' AFV/Panel Lightning Set

Ref: HTK-AS35
SRP: £TBA

See www.hataka-hobby.com



Hong Model
ZSU-23-4M/M3 Soviet Self-Propelled Anti-Aircraft Gun

Scale: 1/35
Ref: H-5001
SRP: £TBA

See www.hongmodel.com



MasterBox
Pin-Up Series No.4

Scale: 1/24
Ref: MB24004
SRP: £5.99

See www.mbltd.info



MasterBox
Pin-Up Series No.5

Scale: 1/24
Ref: MB24005
SRP: £5.99

See www.mbltd.info



MasterBox
Pin-Up Series No.6

Scale: 1/35
Ref: MB24006
SRP: £TBA

See www.mbltd.info



Mec Models
French Bunker (Vietnam War)

Scale: 1/35
Ref: BU-VB01
SRP: £TBA

See www.mecmodels.com



Mec Models
US Embassy Wall, Saigon

Scale: 1/35
Ref: BU-EW01
SRP: £TBA

See www.mecmodels.com

The Quartermaster's Store

A round up of the latest releases



MiniArt

USV-BR 76mm Gun Mod.1941
w/Limber & Crew

Scale: 1/35
Ref: 35129
SRP: £TBA

See www.miniart-models.com



ModelCollect

Germany WWII E-100 Stug Gun

Scale: 1/72
Ref: UA72036
SRP: £TBA

See www.modelcollect.com



ModelCollect

T-72AV Main Battle Tank

Scale: 1/72
Ref: UA72044
SRP: £TBA

See www.modelcollect.com



ModelCollect

T-64AV Main Battle Tank

Scale: 1/72
Ref: UA72059
SRP: £TBA

See www.modelcollect.com



Model-Miniature

Decals for Various Israeli Vehicles

Scale: 1/35
Ref: MM-D002
SRP: €11.90

See www.model-miniature.com



Model-Miniature

VBCI Interior

Scale: 1/72
Ref: MM-R169
SRP: €10.90

See www.model-miniature.com



Model-Miniature

T-34 Wheels

Scale: 1/72
Ref: MM-R170
SRP: €5.50

See www.model-miniature.com



Model-Miniature

Patton Wheels

Scale: 1/72
Ref: MM-R172
SRP: €7.90

See www.model-miniature.com



Model-Miniature

AMX-30 Wheels

Scale: 1/72
Ref: MM-R173
SRP: €7.90

See www.model-miniature.com



Model-Miniature

AMX-30 Tracks (Type 1)

Scale: 1/72
Ref: MM-R174
SRP: €6.90

See www.model-miniature.com



Model-Miniature

Patton Tracks

Scale: 1/72
Ref: MM-R175
SRP: €6.90

See www.model-miniature.com



Model-Miniature

VAB Wheels (Special Snow Chains)

Scale: 1/72
Ref: MM-R177
SRP: €4.90

See www.model-miniature.com



Model-Miniature

M-88 A1 Recovery Tank
Patton/ACAV Version

(incl. AK Interactive Painting Guide)
Scale: 1/72
Ref: MM-R178
SRP: €33.90

See www.model-miniature.com



Model-Miniature

M-88 A1 Recovery Tank Patton/Ver-
sion 2

(incl. AK Interactive Painting Guide)
Scale: 1/72
Ref: MM-R179
SRP: €33.90

See www.model-miniature.com



Model-Miniature

VAB CB-127 Amelioration Kit
(incl. AK Interactive Painting Guide)

Scale: 1/72
Ref: MM-R180
SRP: €12.90

See www.model-miniature.com



Neucraft Models

Lorraine 37L Tractor

Scale: 28mm
Ref: 5001
SRP: \$16.00

See www.neucraftmodels.com



The Quartermaster's Store

A round up of the latest releases



Neucraft Models

SA mle 1937 47mm Anti-Tank Gun

Scale: 28mm
Ref: 5002
SRP: \$12.00

See www.neucraftmodels.com



Neucraft Models

SA mle 1937 47mm Anti-Tank Gun (vehicle-mounted)

Scale: 28mm
Ref: 5003
SRP: \$8.00

See www.neucraftmodels.com



Neucraft Models

T17E1 Staghound Armoured Car Mk.1

Scale: 1/72
Ref: 7001
SRP: \$20.00

See www.neucraftmodels.com



Panda Hobby

SA mle 1937 47mm Anti-Tank Gun Cougar 6x6 JERRV

Scale: 1/35
Ref: PH-35010
SRP: £TBA

See www.1999.co.jp



TAKOM

T-14 Armata

Scale: 1/35
Ref: 2029
SRP: £TBA

See www.takom-world.com
Distributed in the UK by Pocketbond
(www.pocketbond.co.uk)



Toro Model

Two Soldiers for Otter or C15TA Truck (for IBG kits)

Scale: 1/35
Ref: 35F71
SRP: £TBA

See www.toro-model.home.pl



Toro Model

Middle East & Italy 1943-46 Women's Auxiliary Service (Poland) Member

Scale: 1/35
Ref: 35F72
SRP: £TBA

See www.toro-model.home.pl



Toro Model

Caterpillar D7 Civilian Operator

Scale: 1/35
Ref: 35F73
SRP: £TBA

See www.toro-model.home.pl



Toro Model

Air Mechanic Wearing Overalls and Leather Jerkin

Scale: 1/48
Ref: 48F41
SRP: £TBA

See www.toro-model.home.pl



SBS Model

Toldi I Exterior Set (for Hobby Boss kit)

Scale: 1/35
Ref: 35022
SRP: €16.00

See www.sbsmodel.com



SBS Model

Toldi II Exterior Set (for Hobby Boss kit)

Scale: 1/35
Ref: 35023
SRP: €16.00

See www.sbsmodel.com



SBS Model

Toldi I, II & III Road Wheels & Suspension (for Hobby Boss kit)

Scale: 1/35
Ref: 35025
SRP: €22.00

See www.sbsmodel.com



W-Model

FlaRak Roland auf MAN 15t. 8x8

Scale: 1/72
Ref: WB13
SRP: £TBA

See www.wmodelkits.com



W-Model

THAAD Launcher US Anti-Ballistic Missile System

Scale: 1/72
Ref: WB14
SRP: £TBA

See www.wmodelkits.com



W-Model

9S32 'Grill Pan' Fire Control Radar - SA-23 Gladiator

Scale: 1/72
Ref: WB15
SRP: £TBA

See www.wmodelkits.com



Zvezda

Russian Main Battle Tank T-90

Scale: 1/72
Ref: 5020
SRP: £12.99

See www.zvezda.org.ru

Guideline

AVAILABLE NOW ONLINE : www.guidelinepublications.co.uk



SCALE AIRCRAFT MODELLING

SAM offers a wide range of new product information with in-depth reference articles written by acknowledged experts, in addition to informative build features with modelling tips and hints, showing you how to get the best out of each kit



MILITARY MODEL CRAFT INTERNATIONAL

MMI brings you the best in armour and military modelling from across the world. Featuring the latest kits and packed with handy tips and step-by-step feature articles, it's essential reading for modellers of all abilities.



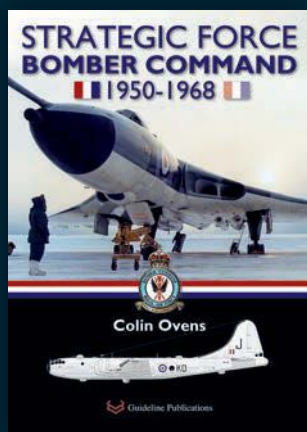
TOY SOLDIER COLLECTOR

TSC prides itself on being the preferred magazine choice for serious toy soldier collectors, dealers and manufacturers around the world. Its combination of editorial focuses on new & old, painted & unpainted and metal & plastic figures as well as features on military history and 'how to' articles.



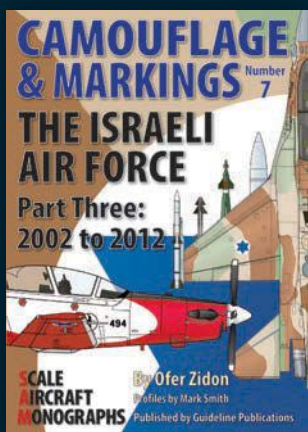
WARPAINT BOOKS

Warpaint Books - Designed with both the aircraft enthusiast and the model maker in mind, each Warpaint contains a comprehensive history of a single aircraft type including production tables/data, archive photos, colour profiles, available kits etc., etc.



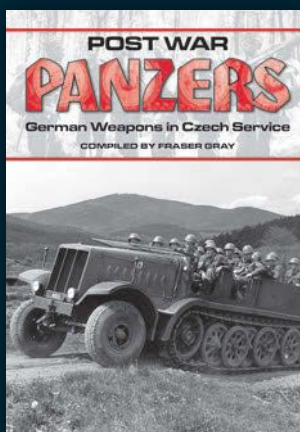
BOOKAZINE

Strategic Force Bomber Command and its companion volume Interceptor Force Fighter Command cover the period 1950-1968. With black and white photos and colour profiles.



CAMOUFLAGE & MARKINGS

A series of highly detailed and well researched titles covering aircraft types used in specific campaigns. Contains a plethora of black and white photos and coloured artwork.



POST WAR PANZERS

This book looks at German armoured vehicles captured in the Prague uprising 5th - 9th May 1945, most notably the Jagdpanzer 38(t) 'Hetzer', half-tracks and armoured cars, in addition to other vehicles.



LONDON TOY SOLDIER SHOW

The largest Toy Soldier Show in Europe, held 3 times a year, this is the place to view and buy models, meet the traders, find out what's new and liaise with friends, old and new.

All previously out of print titles are now available via our on demand digital printing service. Please contact our office for a full stocklist.*

Telephone: +44 (0) 1908 270400 or Fax +44 (0) 1908 270614

General enquiries email guidelines@regallitho.co.uk



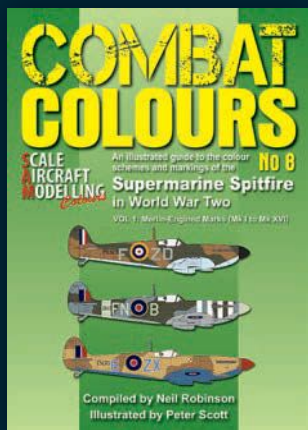
Like us on Facebook



@GuidelineP

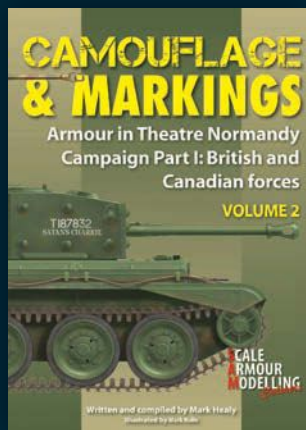
Publications

Where publishing is a pleasure....



COMBAT COLOURS

Combat Colours- An aviation series that focuses on specific Aeroplanes and Air Forces from around the world and contains numerous detailed colour profiles in addition to archive photos.



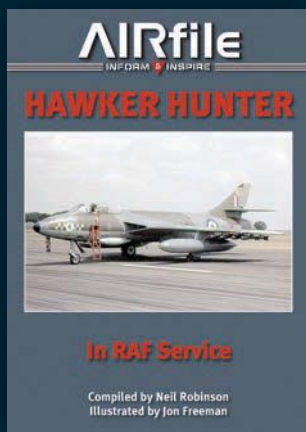
ARMOUR IN THEATRE

An in-depth look at military campaigns, lavishly illustrated with archive black and white photos and colour profiles.



WARPAINT CLASSIC

A complete guide to the Jaguar including an operational history, colours and markings.
6pp fold-out 1:72 scale plans.
42 colour profiles.
3 colour 5-views.
152 colour photos.



AIRFILE PUBLICATIONS

A new addition to the Guidelines portfolio compiled by Neil Robinson. Each edition takes a detailed look at a particular aircraft type including history, design, employment and camouflage & marking schemes.

SUBSCRIBE NOW

Delivered to your door!

FROM UNDER
£3.14
PER COPY



SEE PAGE 31
FOR DETAILS

15 ISSUES FOR

Only £49.50

30 ISSUES FOR

Only £94.00

ONE YEAR SUBSCRIPTION

£49.50	UK
£64.00	Europe
£85.00	Rest of World
\$127.00	USA/Canada (contact Larry Weindorf)

TWO YEAR SUBSCRIPTION

£94.00	UK
£123.00	Europe
£162.00	Rest of World
\$240.00	USA/Canada (contact Larry Weindorf)

 **Guideline Publications**

Subscribing has never been easier, just contact us via one of the following:

Online at: www.guidelinepublications.co.uk

Telephone: +44 (0) 1908 274433 Facsimile: +44 (0) 1908 270614

USA/Canada agent Larry Weindorf: 717-685-5207
info@forthehistorian.com

This offer applies to all renewals from November 2015.

MAKE MIN

MiniArt's MB1500A gets the treatment courtesy of **Özgür Güner**

During World War II, the Wehrmacht employed a wide range of trucks. Most of these fulfilled a variety of roles including transportation of troops and equipment, towing artillery, and providing the platform for self-propelled weapons. One of the major manufacturers was Mercedes-Benz, who produced a series of cargo vehicles of various sizes. All were designated by the prefix 'L' (lastkraftwagen) followed by a number indicating the load-carrying capacity (in kilograms). Having already covered the L3000 and L4500 versions in earlier articles for MMI, I decided to continue the theme by tackling a model of the baby of the family, the L1500.

Between 1941 and 1944, Mercedes produced two versions of the L1500. Almost identical, each was powered by a 2.6-litre 60HP engine; the main difference was the

fact that the 'S' version was a two-wheel drive vehicle, the 'A' version having four-wheel drive (allradfahrzeug). Of course, the 4x4 capability meant that these vehicles were ideally suited to rough terrain, a definite advantage for military use. Almost 5,000 of the 'A' series were

(mannschaftswagen).

The focus among military modellers appears to have shifted from AFVs to soft-skin vehicles over recent years. Reflecting this change, Eastern European manufacturers in particular are now

offering a wide range of subjects. One such example is the Ukrainian

produced, though not all of these were used as cargo trucks; some of the chassis were modified to produce personnel carriers



THE AMERC



company, MiniArt, who have released both versions of the L1500 (the 'S' in 2012, and the 'A' in 2013). As indicated earlier, differences

between the two are minimal (drivetrain, chassis and wheels). Both kits include some very useful extras. The L1500S is accompanied by a selection of items including barrels, milk churns and bottle crates. The L1500A (the version I have chosen) includes five figures loading fuel drums onto the cargo bed.

Labelled as 'MB 1500A 4x4 Cargo Truck' (ref. 35150), the 375-part kit includes two frets of photoetched components, and clear parts for the

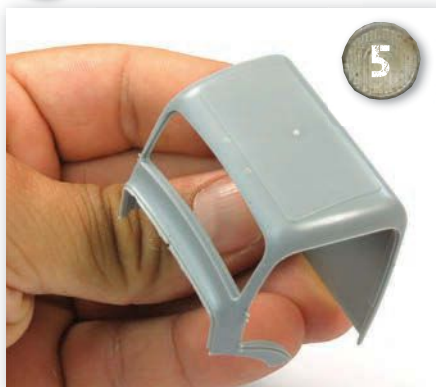
windscreen, door windows and light lenses. True to form, the assembly instructions are clearly

presented, and are accompanied by painting/marketing schemes for three examples, together with appropriate decals.

Assembly

Construction began with the chassis and drivetrain. This was a fairly time-consuming operation, and used up most of the contents of the box (**photo 1**). The next task was to assemble the wheels. Since these required the addition of PE details to the hubs, it was important to work carefully and precisely when attaching these parts (**photo 2**). Once again, care was needed when assembling the separate engine. Given the level of detail here, I simply had to leave the engine compartment open on the completed model (**photo 3**). With the lower part of the model complete, I temporarily attached the wheels to check for alignment before continuing to the next stage (**photo 4**).





I was now ready make a start on the cab section. Unfortunately, being a one-piece moulding, this suffers from a visible ejection-pin mark on the roof, and a prominent seam around the windscreen frame; both needed to be removed to achieve a perfectly smooth surface (**photo 5**). As with most soft-skin models, the interior would have to be fully painted and weathered at this early stage.

Consequently, I needed to plan ahead to ensure that the interior colours were appropriate for the vehicle I was intending to depict. The box art shows a vehicle in a two-colour camouflage scheme (Italy, August 1944), but I opted for the dark grey scheme (Belorussia, Spring



1944). With this in mind, I painted the interior with a selection of Vallejo acrylics before weathering the area (mainly using oil colours) (**photos 6 & 7**).

With the cab assembled, I attended to the cargo bed, doors and engine



compartment covers. I deliberately avoided adding some of the smaller items at this stage, for fear of damaging them along the way. A feature that I have not come across before, each door is made up several parts, with the window being sandwiched between an outer and inner panel. With careful gluing and assembly, this allows for the windows to be movable on the completed model

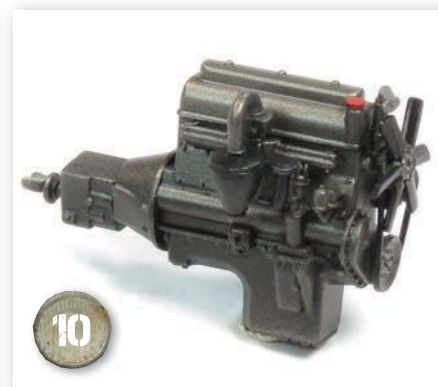
(**photo 8**). Once the windscreen, door windows and cab interior were masked,

I primed the model with Revell 47 (Mouse Grey), and checked for any surface

errors before moving on to the base coat (**photo 9**).

Painting, Marking & Weathering

The painting sequence began with the engine assembly, which was treated to Burnt Metal and Exhaust colours from

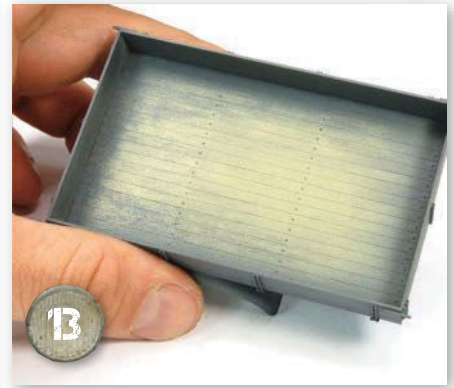




11



12



13

Model Master's Metalizer range (**photo 10**). I found installing the engine fairly difficult, but this had to be done before I could move on. Had I decided to close the engine compartment completely, this stage could have been ignored. However, patience paid off, and I was ready to apply putty to various gaps around the front of the vehicle (**photo 11**). The next area to be dealt with was the

hairspray, and allowed this to dry before applying heavily diluted XF-63 (German Grey),

show a contrast between the hub colour and the natural rubber of the tyres. The solution was to use XF-63 for the hubs, and pick out the tyres with Vallejo's Panzer Aces 306 (Dark Rubber) (**photo 14**). Aware that the



cargo bed. The wooden sections were base-painted with a suitable wood colour (**photo 12**).

I then gave the area a couple of coats of

concentrating on the corners and framework. Once this coat was dry, I used a brush moistened with warm water to remove selected portions to suggest worn and chipped paintwork (**photo 13**).

When painting the wheels, I needed to

interior panels of the cab doors would have been unpainted wood, I avoided using the hairspray method. Instead, I applied a coat of Burnt Umber oil paint, and wiped away most of the paint to replicate a woodgrain finish (remembering, of course, to work in one direction). Further areas of the model were now masked, and the exterior given a final coat of XF-63 (**photo 15**). Once this was dry, appropriate decal markings were applied, and the entire model treated to a coat of Vallejo's Satin Varnish (**photo 16**).



14



15



16



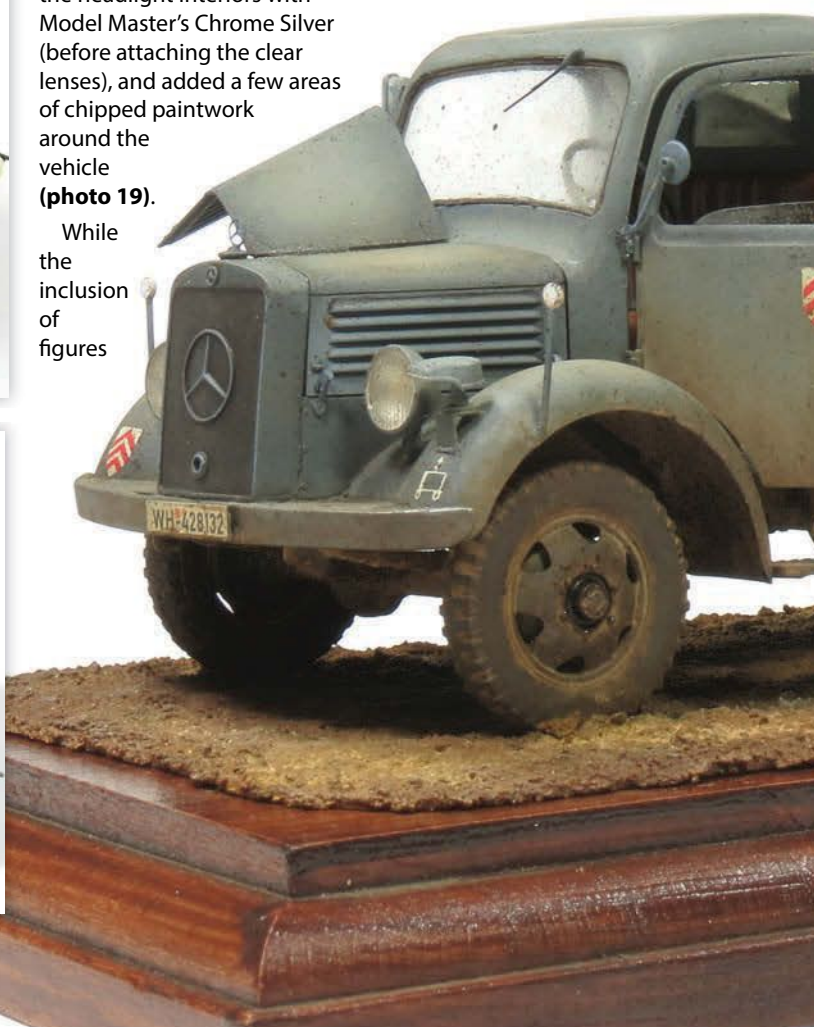
Using a selection of oil paints, I began the weathering process by adding highlights and shading to the base colour. In some cases, these were blended with a dry brush; in others, they were diluted with white spirit before being applied (**photo 17**). Having allowed the oils 24-hours drying time, I added a series of pin-washes using MIG Productions' P220 (Dark Wash) and P221 (Brown Wash). With any excess removed, and the washes completely dry, I applied an overall coat of Vallejo's Matt Varnish (**photo 18**). Once the various masks were removed, I painted the headlight interiors with Model Master's Chrome Silver (before attaching the clear lenses), and added a few areas of chipped paintwork around the vehicle (**photo 19**).

While the inclusion of figures

appeared to be a good idea, I must admit that I was less than impressed with this set (ref. 35041) when I used them in a previous project. So, ignoring the figures, I decided to add various items of cargo, partially covered with a tarpaulin made from Tamiya Epoxy putty (**photo 20**). These were then brush-painted using Vallejo acrylics (**photo 21**).

A Simple Setting

Having cut a small base from 0.5mm plastic sheet, I covered this with a layer of MIG Productions' P500 (Europe Dry Mud – Fine Texture), and created





22

tonal variation using a selection of pigments (**photo 22**). Once the surface was dry, I cleaned the areas where the wheels would touch, and attached the base to a wooden plinth (**photo 23**).

Before finally attaching the vehicle to the base, I added further weathering to lower areas to match the terrain, fitted the doors and engine compartment covers, and mounted the photo-etched Mercedes badge (**photo 25**). All that remained was to fix the model in place with wood glue, and touch up the areas around the base of the tyres with pigments to tie everything together (**photos 26 & 27**).

Final Thoughts

This is one of MiniArt's older kits and comparing it with some of their more recent releases covered this month in NATF shows how far the Ukrainian company has come in the last couple of years (the war in Eastern Ukraine notwithstanding). This is not an easy build, but there is nothing that a reasonably experienced modeller couldn't tackle. MiniArt are to be commended for consistently tackling subjects that other manufacturers don't touch and the combination of these kits, their large range of quality plastic figures and vac-formed dioramas mean that they are certainly one of the most exciting companies out there. Their MB1500A is a good kit of a very versatile subject and, as I hope you'll agree, it builds into a very fine little model.



23



24



25



26



1/35

MiniArt MB 1500A 4x4
Cargo Truck

Availability

MiniArt 1/35 MB 1500A 4x4 Cargo Truck (ref. 35150) is available from all good model shops.

My thanks to Emre Efli for translating this article into English.



SUBSCRIBE NOW

**Delivered to
your door!**

**15 ISSUES FOR
Only £49.50**

**30 ISSUES FOR
Only £94.00**

FROM UNDER
£3.14*
PER COPY



ONE YEAR SUBSCRIPTION

£49.50	UK
£64.00	Europe
£85.00	Rest of World
£127.00	USA/Canada (contact Larry Weindorf)

TWO YEAR SUBSCRIPTION

£94.00	UK
£123.00	Europe
£162.00	Rest of World
\$240.00	USA/Canada (contact Larry Weindorf)

Guideline Publications

Subscribing has never been easier, just contact us via one of the following:

Online at: www.guidelinepublications.co.uk

Telephone: +44 (0) 1908 274433 Facsimile: +44 (0) 1908 270614

USA/Canada agent Larry Weindorf: 717-685-5207 info@forthehistorian.com

To: Guideline Publications, Unit 3, Enigma Building, Bilton Road,
Denbigh East, Bletchley, Buckinghamshire MK1 1HW

- ☐ Please tick for **ONE YEAR** subscription to **Scale Aircraft Modelling**
- ☐ Please tick for **TWO YEAR** subscription to **Scale Aircraft Modelling**
- ☐ Please tick for **ONE YEAR** subscription to **Military Modelcraft International**
- ☐ Please tick for **TWO YEAR** subscription to **Military Modelcraft International**
- at a cost of £.....
- ☐ Existing subscriber please tick. ☐ ☐ ☐ ☐ Enter subscriber NO:

☐ I wish to pay by cheque, payable to Guideline Publications

☐ I wish to pay by Credit/Debit Card (Please tick)



Valid From: Issue No:

Card No.

Name on Card:..... Expiry Date:

Last 3 digits on the signature strip, reverse side of card:

Name:

Address:

..... Post/ZIP Code: Country:

Email: Contact No:

*Price per copy applies for a 2 years subscription.

This offer applies to all renewals from November 2015.

Maneuver! Combat

Luciano Rodriguez comes bang up to date in Small-Scale

In tune with the growing recent interest in modern vehicles among modellers, Aoshima has released a new series of 1/72-

scale kits dedicated to the equipment of the modern Japanese Ground Self Defense Forces. Among these, I decided to tackle one of their latest releases - the new eight-wheeled MCV vehicle. It was my first experience with the brand and I was quite pleased with the overall quality of the kit. It featured good

engineering, ease of assembly and some crisp surface detail. The kit reproduces the actual prototype vehicle still under evaluation for the Japanese Ground Forces at the time of writing.

Assembly

The assembly is quite straightforward built from the box and it does not present any obvious challenges either for the beginner or the more

experienced modeller; truth be told, it leaves little room for real improvements. In the hull all the work by my side went into replacing some solid handles with plastic rod. One of the good points of the kit is that it includes clear parts for the front and rear lights, still I replaced the front ones with some clear lenses though for an even better appearance.

With the turret, aside the replacement plastic rod grab handles, I simply

replaced the smoke launcher caps with plastic disks and I made new antenna mounts with styrene rod. I did this principally because it was easier than to cleaning up the tiny seams in the original parts without affecting the detail.

The turret rear plate brings the attachments for a stowage basket not yet reproduced in the kit. This is a common feature of modern tanks and AFVs in service in Japan, but is not yet apparent on the prototype. According to some reference images I decided to add a rear turret stowage basket made of styrene strip and some mesh, as well as some stowage items I took from the spare parts box. At the



Vehicle

moment of writing I could not find an example of the standard (factory-installed) stowage basket and the available samples vary from one vehicle to another, the product of field additions depending on the evaluating unit.

Having a very smooth assembly so far I saved my energies to focus on the tyres, definitely the weakest point of the kit for me. Aoshima's tyres are not that terrible taking into consideration the complex shapes of the real tyre and one can live with them, but being an eight-wheeled vehicle, I decided to rework the thread pattern with small sections of styrene strip to produce a master to replicate in resin later. Needless to say the resulting part is not perfect but it looked

better than the unaltered kit tyres to my eyes at least!

One interesting feature of the Aoshima kit is that it provides steering front wheels. The system is very well designed and the first and second front wheels turn at different angles like the real thing. Actually the steering system on the real vehicle goes further and the body swings laterally when steering the wheels to simulate some side suspension inclination. The body movement is optional and I disabled it on my kit because the resulting effect was a bit too much for my taste. Notice the chassis parts are a bit too bulky to provide a solid base for the steering wheels assembly but fortunately the chassis is hidden under the body almost totally.



The underside of the MCV, showing the poseable wheels.



Note the plastic discs over the smoke dischargers, replacement antennae mount and the wire grab handles, all a big improvement over the kit parts.



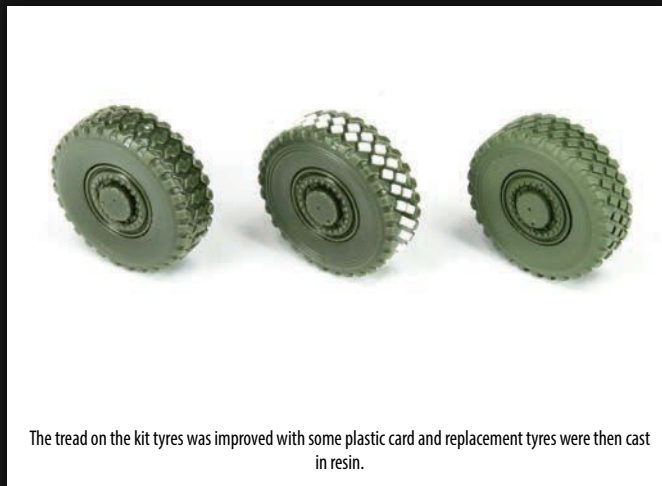
The completed MCV awaiting paint.



The completed MCV awaiting paint.



The scratchbuilt turret basket was the most time consuming and necessary addition to the Aoshima kit.



The tread on the kit tyres was improved with some plastic card and replacement tyres were then cast in resin.



PAINTING STEP
1



PAINTING STEP
2



Painting and Weathering the MCV

Painting Step 1

I sprayed an overall coat of Tamiya JGSDF Brown. With any camouflage schemes it's always a good idea to start with the lighter shades is always recommended to ensure a good coverage.

Painting Step 2

The green camouflage strips are freehand airbrushed little by little. If

one takes care little retouching is needed to complete the camouflage scheme. The use of JGSDF Olive Drab instead of a more traditional JGSDF Green is just a matter of taste as I simply preferred that darker shade this time. By the way, I also swapped the colours of the camouflage pattern showed in the instructions as that also happens at times with brand new JGSDF vehicles.

Painting Step 3

Some fading of these camouflage shades is applied by spraying German Grey and Wooden Deck Tan. The former is just to darken some panel lines, while the Wooden Deck Tan adds some light dust here and there in the areas that I will add more weathering to later.

Painting Step 4

I then painted some of the smaller

details, such as side indicator lights, exhaust panel, aerial mounts and tyres, with Vallejo acrylics and also applied the decals. For the decals I used some spare decals form a Type 90 Tank as I wanted to represent a fictitious operational vehicle and replaced the serial numbers of the prototype (99XXXX) for those of an operational vehicle (95XXXX).

Painting Step 5

The pin wash really pops out all the small details, showing the very nice



surface details of the Aoshima kit.

Painting Step 6

Weathering is completed with acrylics and is mostly based in a combination of Light and Dark Mud over the areas formerly dusted up with the Wooden Deck Tan. After that, remaining details are added, including the aerals, rear basket stowage and .50cal machine gun. I didn't really do anything special or different in the painting process,

employing the same techniques and materials that I used in almost all of my models. It's nice to know that the same techniques used for 1/48, my preferred scale, can also be employed with Small-Scale models.

Crewman

Once the painting was over I focused on the making of a single crewman. Although the helmet

worn by JGSDF crewmen is a little unusual, it was worth it as, in my humble opinion, the addition of a figure always lifts a model, giving it a sense of scale and purpose. In this case I made a figure from a combination of a little scratchbuilding and reworking plastic parts with quick-dry epoxy putty to represent some distinctive features of the combat uniform. Most of my efforts were hidden however once the figure was placed inside the commander's cupola.



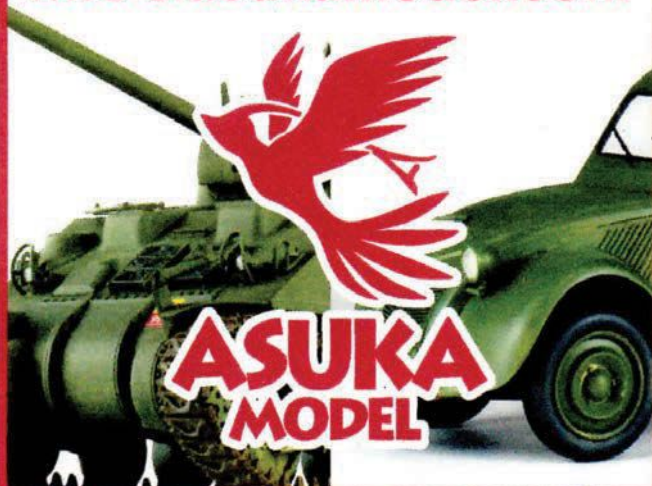
Availability

Aoshima 1/72 JGSDF Maneuver Combat Vehicle MCV Prototype (ref.01017) is available from good model shops.



We are looking for distributor and retailer in the UK and France for Asuka kit. Please contact us if you are interested.

info@asukamodel.com



ASUKA MODEL

ASUKA MODEL CO., LTD asukamodel.com



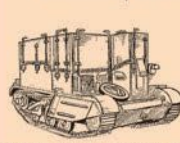
Web site



MATADOR MODELS



EXTENSIVE 1/76th SCALE VEHICLE AND CONVERSION RANGES OF ARMOUR AND SOFTSKINS FROM WORLD WAR 1 TO THE 2000'S and Airfield Accessories 1/48th, 1/72nd, 1/76th and 1/144th scale ranges of British and German airfield vehicles and equipment, including ambulances, refuellers, tractors, G.S. and specialist vehicles, bomb trolleys, etc.



1/76 Universal Carrier Wading Screen



1/76 Scorpion / Scimitar upgrade set



1/76 REME Half Track M9

NEW: BW MODELS MILITARY TRANSFERS.

1/72nd scale AIRFIELD FIGURES and 1/76th scale CIVVY STREET RANGE. 1/144th scale VEHICLES and AIRCRAFT COCKPIT DETAILS.

See our updated website: www.matadormodels.co.uk

For full A5 catalogue please send sae or 2 IRCs to:

MATADOR MODELS 6 Cliffe Road, Barton on Sea, NEW MILTON, Hants. BH25 7PB. Fax: 01425 628219

modelsforsale.com

Plastic model kits, New, Second-Hand, and Discontinued. Books and Accessories.

WANTED

Quality collections of second-hand model kits, military books, decals, photo-etch & detail sets. Will collect on larger quantities.

Please see our website for more details or please call us.

Tel: 01933 622654

email: sales@modelsforsale.com

Unit 3 Dean Close - Raunds - Northants NN9 6BD

BITS & KRIEG



BK-060 U.S. M60 / M48 Wheels + Spare, Steel rim type (All manufacturers). QuickWheel mask included.

Both sets can be used for models from Academy, ESCI/ERTL, Dragon, Italeri, Tamiya.

Sets contain 2 drills for adapting the holes of the wheels to mentioned above manufacturers' kits.

FEATURES LIST:

- corrected shape of the steel wheel by adding the grooves inside the rims
- corrected depth of the steel wheel (please note how shallow are the ones in plastic kits and how deep are the wheels actually on pictures of real tank)
- corrected shape and size of the bolts
- added optional „stripe“ in the middle of wheel's rubber bandage to imitate the residue of rubber from vulcanization process, which can be easily sanded off if not required.
- corrected height and width of the middle hub of the wheel
- added the grease nipples on the middle hub cap
- added markings on the rubbers



BK-061 U.S. M60 / M48 Wheels + Spare, Aluminium „Spider“ rim type (All manufacturers). QuickWheel mask included.

www.quickwheelstore.com

A Cold and Frosty Model

José Luis Lopez Ruiz takes Tamiya's Somua out of its comfort zone.

During World War I, the combination of trench warfare and developments in motor power brought about significant changes in the role of the Cavalry. However, immediately following the war, duties of cavalry units in the French Army were undecided, and it took a further twelve years before the notion of the Armoured Division was finally established. With the newly formed Division Légère Mécanique, three categories of vehicle were defined: AMR

'char' (tank) was restricted to infantry units; cavalry units had to name their vehicles 'automitrailleuses' (armoured cars). The S35 was for its time a relatively agile medium-weight vehicle, and superior in both armour and firepower than many of its contemporaries. It was

to maintain. The turret was an enlarged version of the APX 1 as used on the Char B1, which allowed the radio operator to assist the commander in loading the 47mm SA 35 main gun.

(Automitrailleuse de Reconnaissance), AMD (Automitrailleuse de Découverte), and AMC (Automitrailleuse de Combat).

Introduced in 1936, the Somua S35 was designed to equip the armoured divisions of the Cavalry. By law, the term

constructed from well-sloped armour sections, which being mainly cast steel made the vehicle expensive to produce, and time-consuming

By 1940, a total of 400 S35s were in service, and equipped six Groups



orning . . .



Tamiya's Somua S35 is a great kit build out of the box: sharp details and precise fit. The Blast Models' conversion set gives it a different appearance, while the Passion Models' details add a touch of finesse.



d'Escadrons. Outclassing all German tanks, they achieved notable success until France formally surrendered on 22nd June. The Wehrmacht made use of almost 300 S35s, re-designating them Panzerkampfwagen 35-S

739(f). Minor modifications included removing the top section of the cupola and installing a simple hatch, and fitting the

vehicle with a 10watt FuG 5 radio set. On 10th December, the first German tank unit equipped with French 'beutepanzers' was formed: Panzer-Regiment 201 with 118 tanks; 36 of these were S35s, the rest being modified Hotchkiss H35s. In both cases, these captured vehicles were mainly used for anti-partisan duties and patrolling critical areas. However, in June of the following year, Panzer-Abteilung 211 was sent to Finland, and was the only major German unit to field the S35 on the Eastern Front.



The Kit

During my visit to the Shizuoka Hobby Show, I made my way to the Tamiya stand, where I bought this absolute gem, 'Somua S35' (ref. 35344). True to form, assembling the kit was a real joy. With minimal refinements, the result would be a perfect replica of the vehicle. In fact, the only noticeable omission was a series of rivets around the driver's side vision-

port. I was particularly impressed by the individual-link tracks, as they required very little preparation before being simply clipped together.

Having decided to depict the S35 as a German vehicle, I



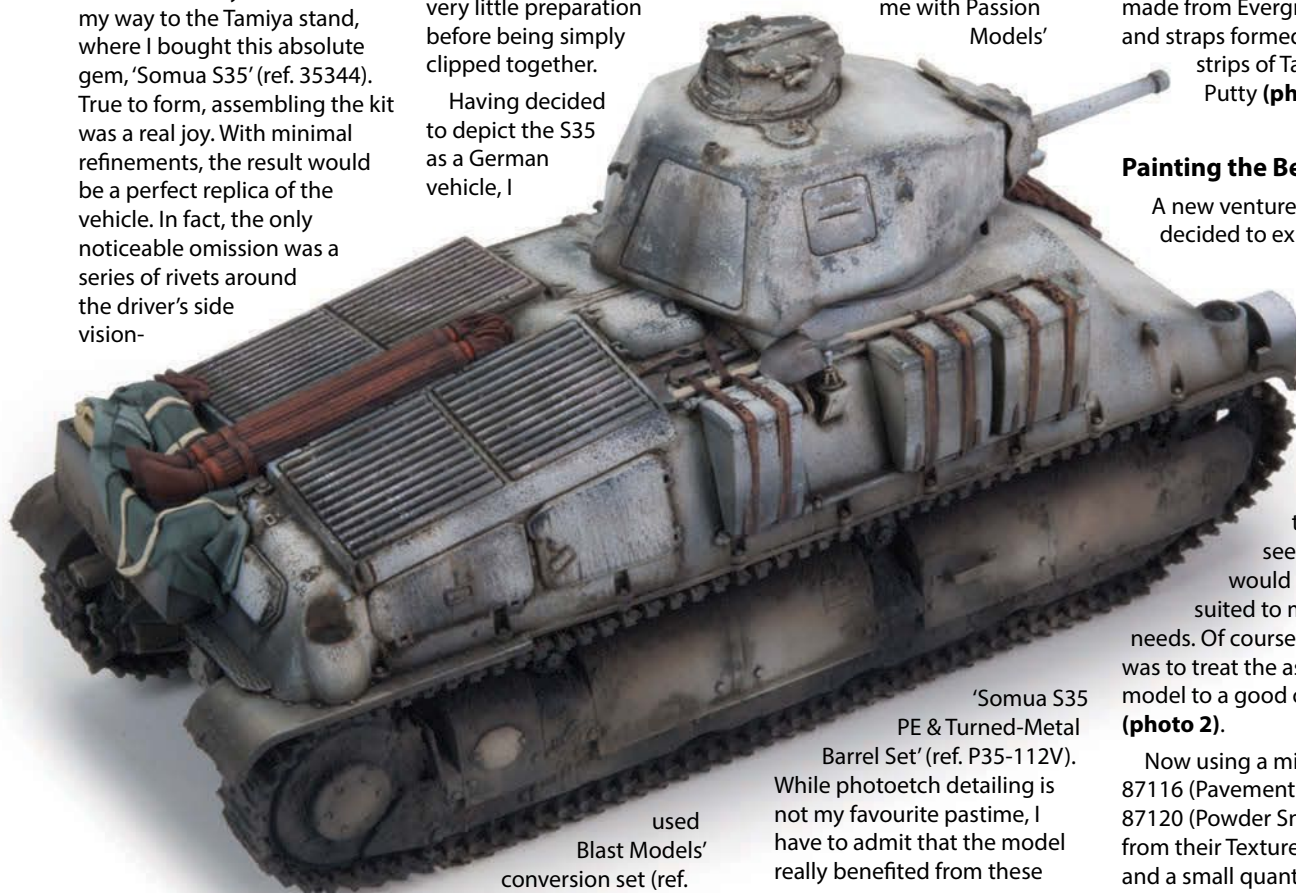
BL35227K). In addition, my friend Asami Watanabe (MS Models, Japan) supplied me with Passion Models'

little extras. Various scratch-built items were also added, including a rear stowage basket made from Evergreen profiles, and straps formed from thin strips of Tamiya Epoxy Putty (**photo 1**).

Painting the Beutepanzer

A new venture for me, I decided to experiment with the currently popular 'Black & White' technique. Opting to use AMMO's products for this, I could see that these would be ideally suited to my particular needs. Of course, the first task was to treat the assembled model to a good coat of primer (**photo 2**).

Now using a mix of Tamiya 87116 (Pavement Effect) and 87120 (Powder Snow Effect) from their Texture Paint range, and a small quantity of



'Somua S35 PE & Turned-Metal Barrel Set' (ref. P35-112V).

While photoetch detailing is not my favourite pastime, I have to admit that the model really benefited from these

used Blast Models' conversion set (ref.





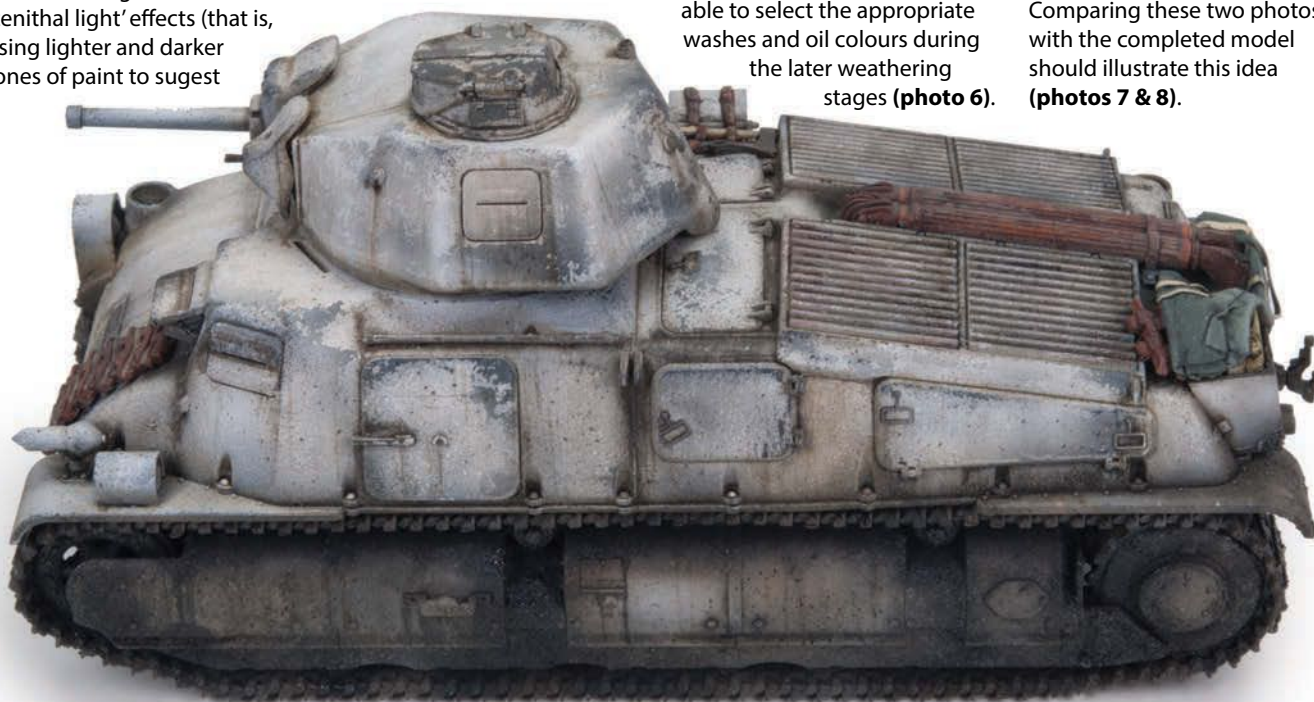
Marmoline, I began to replicate the build-up of mud over the lower hull and running gear. Applying this with an old stiff brush, I added small amounts of water from time to time to make the mix more workable (photo 3).

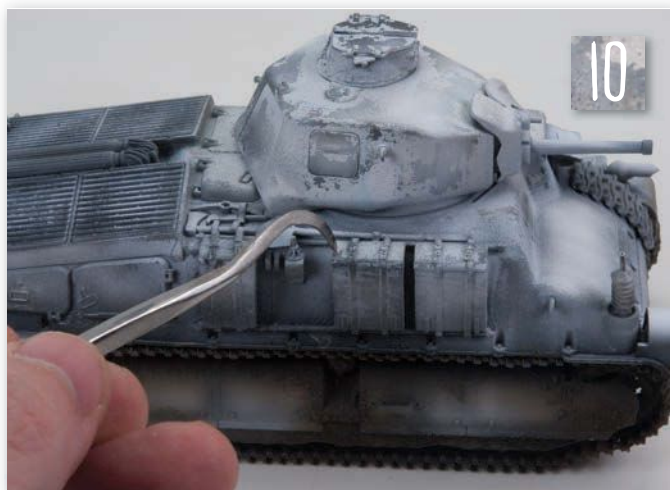
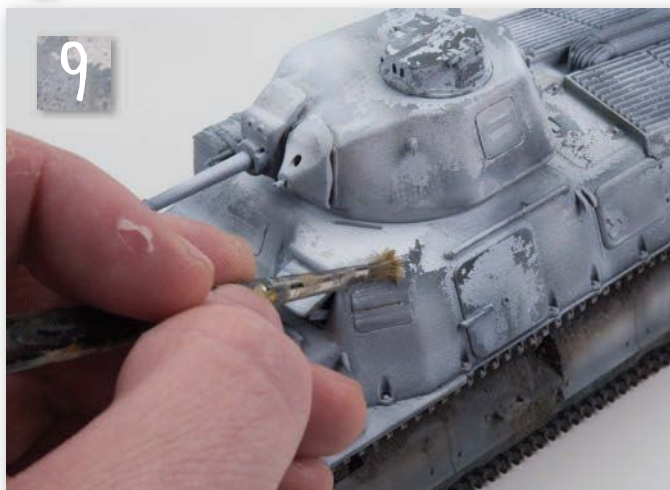
Not particularly concerned with achieving the so-called 'zenithal light' effects (that is, using lighter and darker tones of paint to suggest

artificially the way light falls on the vehicle), I limited the B&W base application to a general pre-shading using a dark grey (similar to Panzer Grey) made from a mix of the Black and White found in the AMMO set. Once this was dry, I applied a layer of off-white, focusing on upper areas that would be less

affected by road dirt and dust (photos 4 & 5). To achieve a balance between the colours on the lower parts of the vehicle (generally dirtier) and upper areas (relatively clean), I applied a dark earth tone to replicate the mud colour over the lower hull and wheels. With this established, I would be able to select the appropriate washes and oil colours during the later weathering stages (photo 6).

While some modellers go to great lengths when painting winter camouflaged vehicles, I prefer to concentrate my efforts on applying colours where they will eventually be seen. With this in mind, I considered where exactly the Panzer Grey colour would be exposed, and simply applied it to these areas. Comparing these two photos with the completed model should illustrate this idea (photos 7 & 8).





The next step was to apply a protective layer of satin varnish over the entire model, followed by two coats of AMMO's Chipping Fluid over the upper areas. Having allowed these to fully dry, I applied two irregular layers of paint; one off-white, the other pure white. After about 15 minutes, I started to remove patches of the white paint using a variety of implements such as dental tools, a stiff brush and a toothpick. To create a realistic appearance, it was important to vary the intensity and shapes of this treatment. To add to the effect, I used a brush to apply washable white paint over certain areas, left it to dry for several minutes, then removed portions with a clean moist brush (**photos 9 & 10**).

Combining a fine-pointed brush and a piece of sponge, I applied a darker shade of the Panzer Grey colour to recreate further paint chips. Once again, the surfaces were given a coat of satin varnish (**photo 11**).

Satisfied with the appearance so far, I applied a base colour to the various tools and accessories around the vehicle (**photo 12**). One of the most important steps when

painting a winter-camouflaged vehicle (or any model for that matter) is the application of washes. Normally avoiding black, I prefer instead various shades of brown that can be used both as a pin-wash to accentuate raised details, and as a general wash to give an overall weathering to the surfaces. Any excess is easily removed using a brush moistened with thinners. The only time that I actually use black here is for emphasising shadow in deep recesses (**photos 13 & 14**).

Returning to the stowed tools and equipment, I refined the colours, constantly thinking how best to replicate the various materials (wood, leather, metal, etc). The straps on the side stowage bins were given an initial coat of black, followed by successive light coats of chocolate and orange to give the impression of worn leather. Recreating a suitable canvas colour was simply a case of applying various shades of field grey, and the spare track links were painted with colours from AMMO's Rust Set.





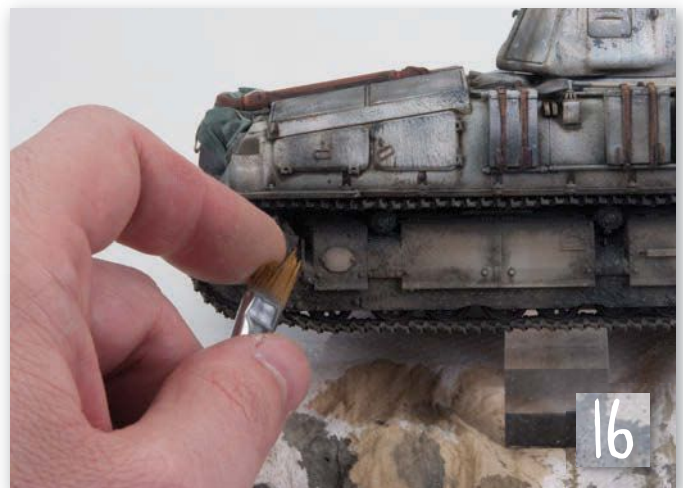
(photo 15).

Now using heavily diluted acrylics, I worked on the dirt and mud effects. Having prepared various shades of brown, together with a colour close to black, I used my fine-pointed brush to apply subtle stokes over certain areas, along with more random splashes where appropriate. As with the previous washes, it was important to avoid using red in these mixes, as this colour would add warmth to the tone (conflicting with the overall winter

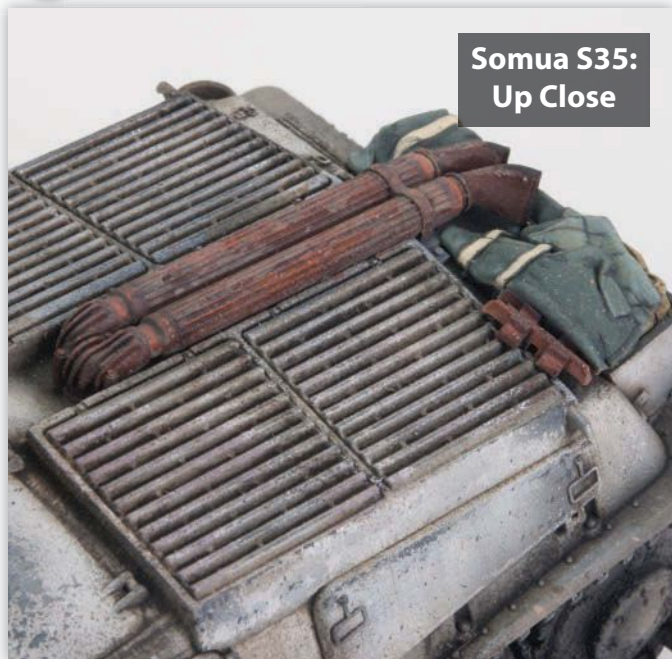
scheme) (photos 16 & 17).

Finally, the wet effects were created by airbrushing satin varnish over the relevant areas, and further touches added using a brush. To offer more visual interest, I tinted the varnish with acrylic paint (colours used in my dirt and mud effects), and repeated the process over parts of the vehicle where dirt would naturally accumulate

(photo 18).



Somua S35:
Up Close



Availability

Tamiya 1/35 Somua S35 (ref. 35344) is available from all good model shops.

Passion Models 1/35 Somua S35 PE & Turned-Metal Barrel Set (ref. P35-112V), see www.passionmodels.jp.

Blast Models 1/35 Somua S35 Update Set (ref. BL35227K), see www.blast-models.com

HEAVY MUD & MEDIUM DENSITY MUD SPLASHES

NEW

HYPERREALISTIC MUD? ONLY WITH ENAMELS

The only realistic product available for creating authentic mud effects on your models, ground work, dioramas, and vignettes. For the very first time, a product is available that doesn't change color when it dries. A longer drying time allows us more working time to modify and correct as needed and desired. The new enamel range can be mixed with enamel earth effects and cleaned with our enamel thinner.

Available in 12 different colors with bright, satin and matt finishing.



MUD

High density.

Mud is used to make larger mud accumulations and also to recreate the fresh mud on terrain.

Mud can be combined with a variety of textures such as stone, sand, or grass for various effects.

Mud can also be combined with SPLASHES to make various mud textures attached to vehicles sides.



SPLASHES

Medium density replicating realistic splashed mud.

Perfect for making dry and fresh mud splashes using a brush.

Splashes can be used to paint stains around objects and create accumulation effects.

Splashes are also used on dioramas and terrain to apply small touches of dust and mud.

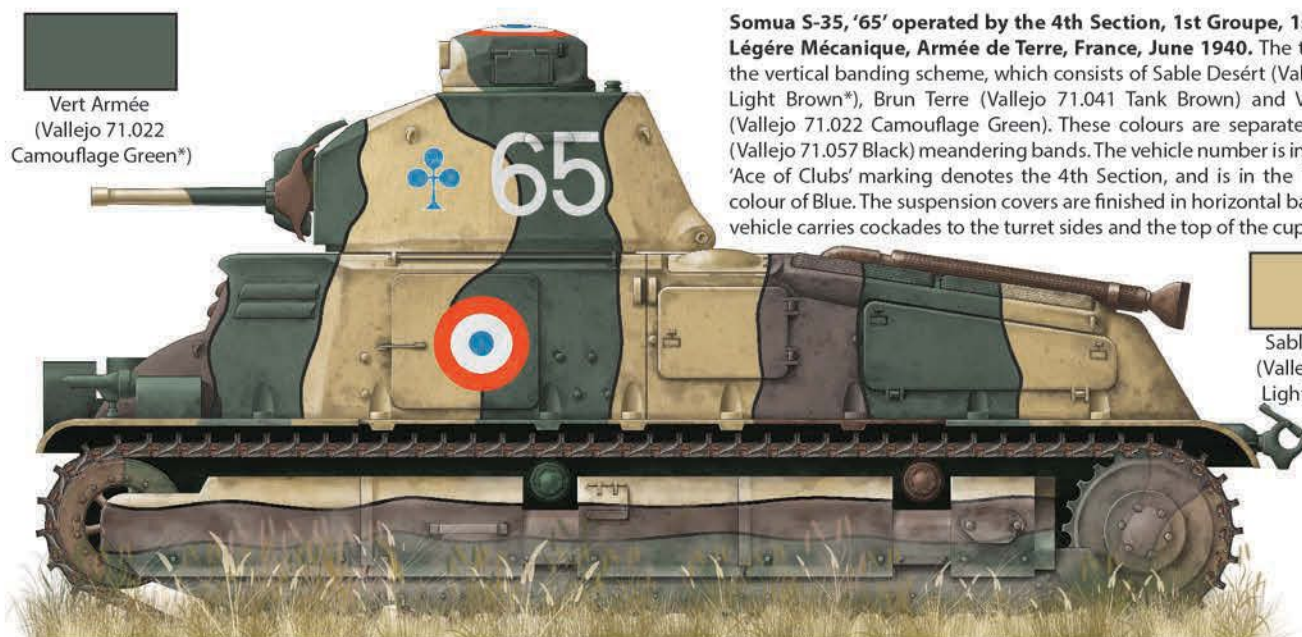


/MigJimenez

www.migjimenez.com



Vert Armée
(Vallejo 71.022
Camouflage Green*)



Somua S-35, '65' operated by the 4th Section, 1st Groupe, 1st Division Légère Mécanique, Armée de Terre, France, June 1940. The tank carries the vertical banding scheme, which consists of Sable Désert (Vallejo 71.027 Light Brown*), Brun Terre (Vallejo 71.041 Tank Brown) and Vert Armée (Vallejo 71.022 Camouflage Green). These colours are separated by Black (Vallejo 71.057 Black) meandering bands. The vehicle number is in White. The 'Ace of Clubs' marking denotes the 4th Section, and is in the 1st Groupe colour of Blue. The suspension covers are finished in horizontal banding. The vehicle carries cockades to the turret sides and the top of the cupola.

Sable Désert
(Vallejo 71.027
Light Brown*)

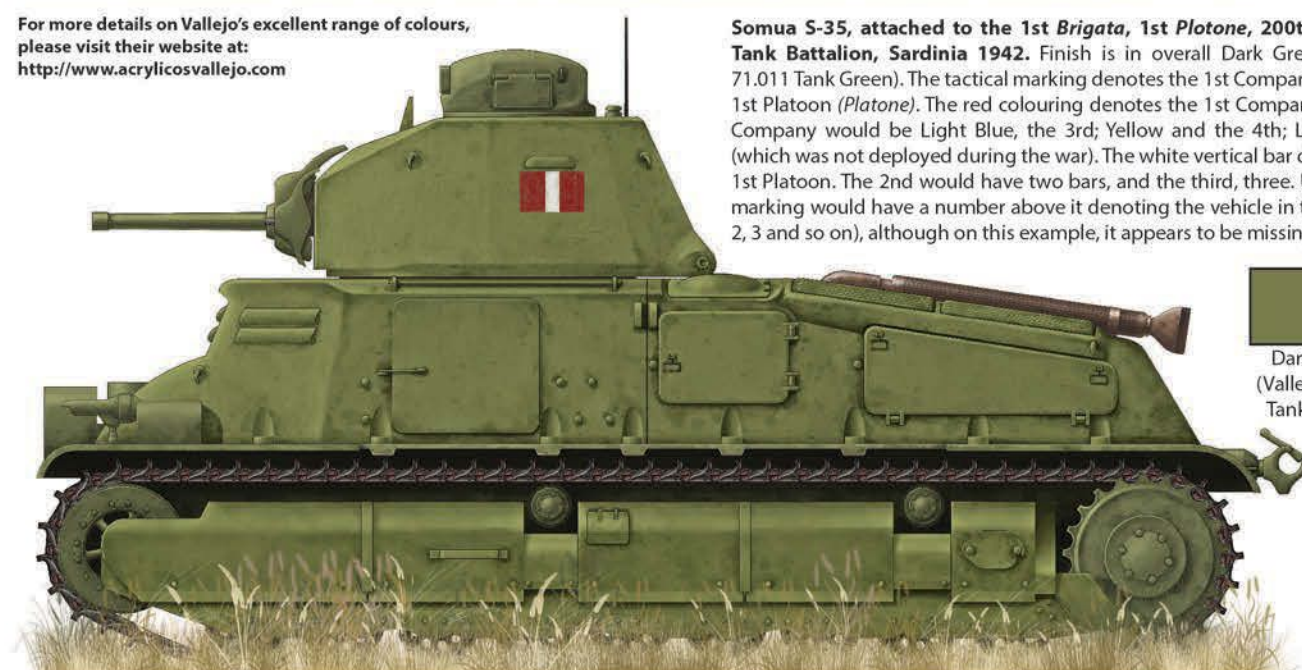
Brun Terre
(Vallejo 71.041
Tank Brown*)



Panzerkampfwagen (Somua) 35-S 739 (f), '231' possibly operated by the 201st Panzerregiment, France 1941. The vehicle is finished in overall Dark Grey (Vallejo 71.056 Panzer Dark Grey). The vehicle tactical number is in Red outlined in White, with Balkenkreuz applied to each side of the forward hull. Note the modified cupola common to German-operated S-35's.

Dark Grey
(Vallejo 71.056
Panzer Dark Grey)

For more details on Vallejo's excellent range of colours,
please visit their website at:
<http://www.acrylicosvallejo.com>



Somua S-35, attached to the 1st Brigata, 1st Plotone, 200th Medium Tank Battalion, Sardinia 1942. Finish is in overall Dark Green (Vallejo 71.011 Tank Green). The tactical marking denotes the 1st Company (Brigata), 1st Platoon (Plotone). The red colouring denotes the 1st Company. The 2nd Company would be Light Blue, the 3rd; Yellow and the 4th; Light Green (which was not deployed during the war). The white vertical bar denotes the 1st Platoon. The 2nd would have two bars, and the third, three. Usually, the marking would have a number above it denoting the vehicle in that unit (1, 2, 3 and so on), although on this example, it appears to be missing.

Dark Green
(Vallejo 71.011
Tank Green*)

Sand
(Vallejo 71.075
Sand (Ivory)*)

Somua S-35, '15' operated by 12e Regiment des Chasseurs d'Atrique, Groupement Blindée Français, Tunisia, June 1943. The tank carries the same Sable Desért (Vallejo 71.027 Light Brown*), Brun Terre (Vallejo 71.041 Tank Brown), Vert Armée (Vallejo 71.022 Camouflage Green) and Black (Vallejo 71.057 Black) scheme as seen opposite. A heavy overspray of Sand (Vallejo 71.075 Sand (Ivory)*) has been applied over this. The vehicle carries a mix of cockades and tricolour's as identification aids, with the vehicle tactical marking consisting of a Yellow-outlined, Red diamond. The vehicle number is in White with a Red drop-shadow.

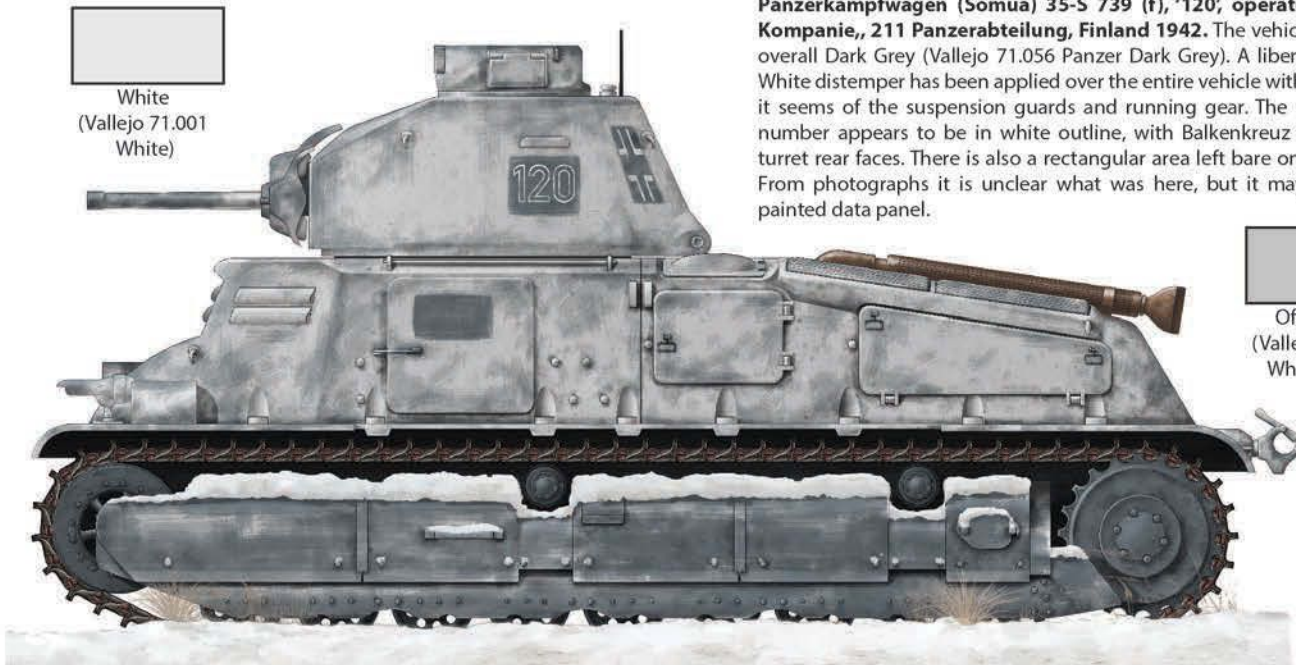
AV
vallejo



White
(Vallejo 71.001
White)

Panzerkampfwagen (Somua) 35-S 739 (f), '120' operated by the 1st Kompanie,, 211 Panzerabteilung, Finland 1942. The vehicle is finished in overall Dark Grey (Vallejo 71.056 Panzer Dark Grey). A liberal overpaint of White distemper has been applied over the entire vehicle with the exception it seems of the suspension guards and running gear. The vehicle tactical number appears to be in white outline, with Balkenkreuz applied to the turret rear faces. There is also a rectangular area left bare on the side door. From photographs it is unclear what was here, but it may have been a painted data panel.

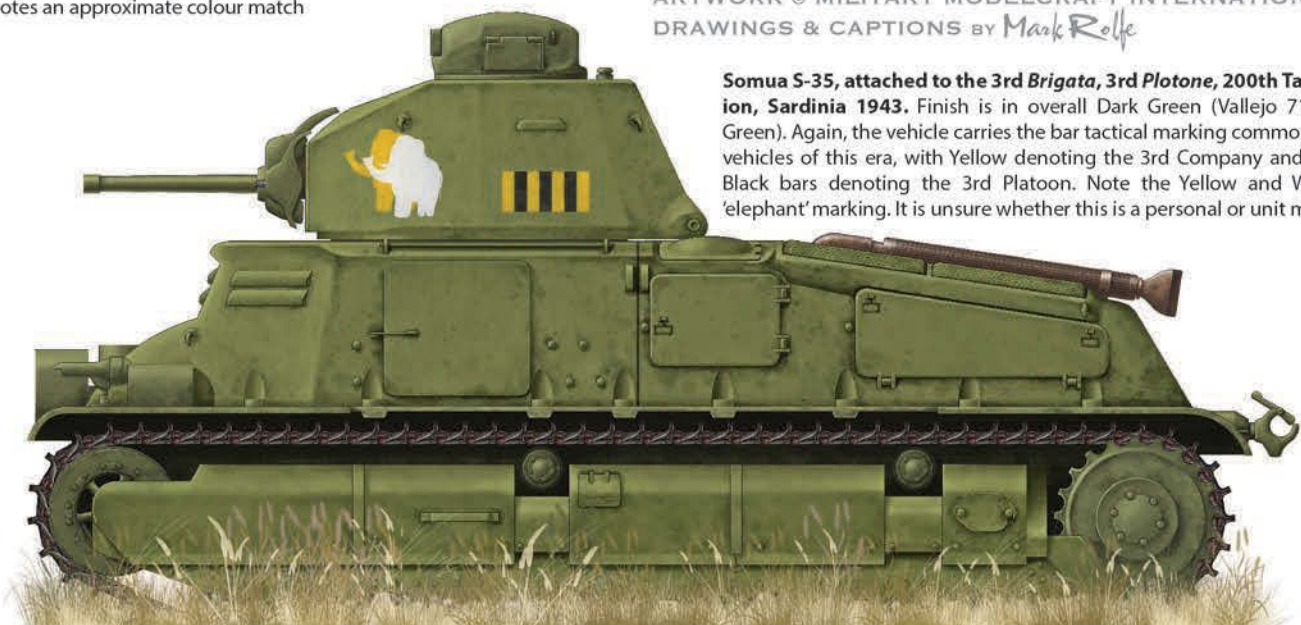
Off White
(Vallejo 71.119
White Grey)



* Denotes an approximate colour match

ARTWORK © MILITARY MODEL CRAFT INTERNATIONAL
DRAWINGS & CAPTIONS BY Mark Rolfe

Somua S-35, attached to the 3rd Brigata, 3rd Plotone, 200th Tank Battalion, Sardinia 1943. Finish is in overall Dark Green (Vallejo 71.011 Tank Green). Again, the vehicle carries the bar tactical marking common to Italian vehicles of this era, with Yellow denoting the 3rd Company and the three Black bars denoting the 3rd Platoon. Note the Yellow and White twin 'elephant' marking. It is unsure whether this is a personal or unit marking.



SCALE ModelWorld 2015

By **Gary Hatcher**

Photos: **Gary Hatcher/John Birt**

We are very pleased to present our four page extra report this year on what was arguably the biggest and best Telford event ever. As usual the SIGs and branches pulled out all the stops and provided the meat of the show, with flair, imagination and an awful lot of very fine modelling, while the overseas section has grown to enormous proportions and has now become practically a show in its own right with many overseas branches awarding their own trophy in the competition.

As usual the competition was superb, and the new arrangement with the venue allowed a lot more space to spread out the exhibits. Judges were confronted with the usual difficulties over how to pick the best of the best and our own Scale Aircraft Modelling and Alan Hall trophies were particularly well deserved.

And of course the industry was present in abundance with plenty of things to buy, plenty of exciting new releases, and enough excitement to keep us going through the next year



This stunning Vickers Valentia not only won the Scale Aircraft Modelling Trophy, but at least two other awards as well



Winner of the Alan Hall Trophy was Grzegorz Madry from Poland whose masterful airbrush finish on this Su-20 swayed the judging in his favour



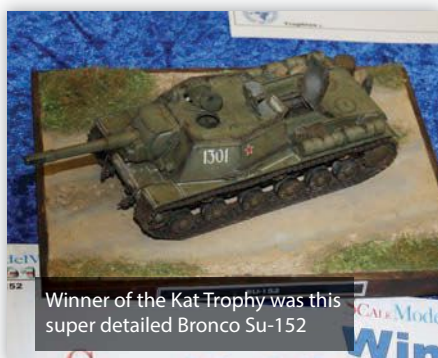
Gaspatch expect their eagerly awaited 1/48 Hs 123s before long. The test shots on the stand looked excellent



Another eye catching model in the competition. This one really raised the bar



Eduard were particularly busy throughout the weekend and were a welcome sight for many



Winner of the Kat Trophy was this super detailed Bronco Su-152



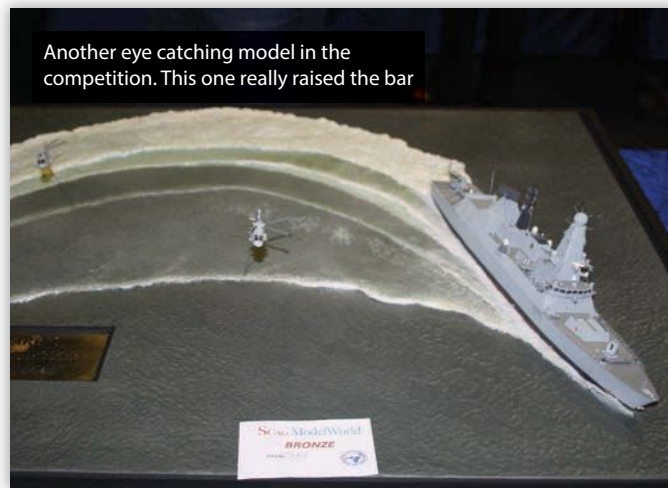
Good to see Wolfpack exhibiting at the show. New 1/48 Firefly wing folds are in progress for the Special Hobby kits



One of a number of very imaginative displays from the attending UK branches. East Neuk really made a meal of it...



A very impressive M-18 Hellcat in the competition area



Another eye catching model in the competition. This one really raised the bar



Star of the show for many was Mach 2's new tool Argosy in 1/72, and copies of our Warpaint title were in big demand over the course of the weekend. Four boxings were on sale – two civilian and two RAF options



Mirror Models' finished Diamond T wrecker in the competition



New from Mirror was a series of 1/35 Quad tractors, seen on the stand here alongside the Diamond T and others



Accurate Armour had some attractive built models on their display stand.



DEF Model had all their goodies on display, with some very fine resin casting in evidence.



It was good to see some of their accessories fitted to the suggested base kits.



The new 1/48 Pe-2 from Zvezda made a welcome appearance



A number of new announcements from Airfix included the 1/48 Meteor, a 1/72 Victor, the 1/48 Defiant and a B-17G also in 1/72



So the Valiant is joined by a new tool Victor. Will Airfix retool the Vulcan? Or maybe a Hercules will turn up first...



Airfix Bentley Blower. This was a fine piece of modelling in 1/24 and the prizes awarded were well deserved



We all know Zvezda's marvellous missile transporter, but now Belcher Bits have a 1/72 kit of the SS-25 Sickie missile missing from the kit



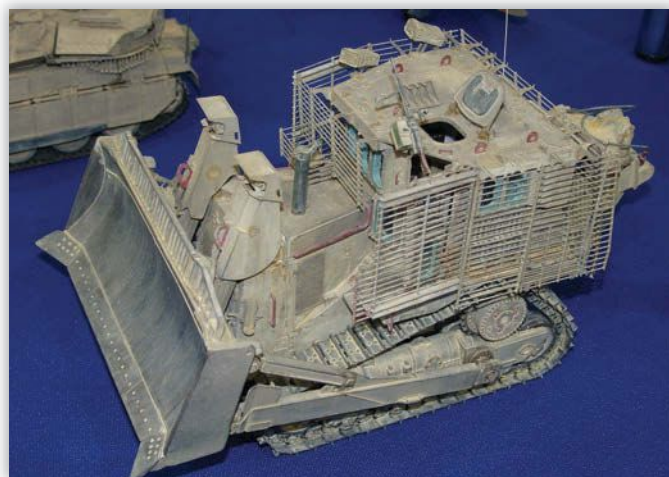
DEF Models from Korea were present exhibiting a range of new resin accessories including some excellent tarpaulins and tilts – something crucially missing from the current crop of soft skin kits in 1/35



Aviatik demonstrated their excellent World War I lozenge pattern decals and other products for Great War modellers



A host of new helicopter kits from Whirlybird were joined by these two Lightning prototypes. Other release include complete kits of the Westland Whirlwind and further variations on the CH-53



A selection of the some of the armour models seen on the competition table and the various club stands.

Panzers in Kunduz

Pascal Bausset presents Meng Model's Pz 2000 as an ISAF vehicle.

The Panzerhaubitze 2000

(Armoured Howitzer 2000) is a 155mm self-propelled howitzer developed by Krauss-Maffei Wegmann (KMW) and Rheinmetall for the German Army. Having received a contract in 1996 for production of 185 units, KMW handed over the first vehicle two years later. Delivery of the initial batch is now complete. The PzH 2000 is one of the most powerful conventional artillery systems, and is particularly noted for its high rate of fire. In burst mode it can dispatch three rounds in nine seconds. Depending on barrel length, it can fire between ten and thirteen rounds per minute continuously. Such is its effectiveness, the PzH 2000 has also been selected by the armies of Italy, Netherlands, Greece and

Croatia. More orders are expected as many NATO forces replace their M109 howitzers.

Following an escalation of the conflict in Afghanistan in April 2010, the decision was made

to improve the combat capability of German ISAF forces, which included the deployment of three PzH 2000s. Upon arrival via air transport, the vehicles received a new camouflage using non-permanent paints (a two-colour scheme of light olive green and sand beige). The guns were deployed to Kunduz on heavy tank transporters, and new emplacements were created in the 'Feldlager Kunduz' and 'Op North' bases using Hesco bastions for protection.

The Kit

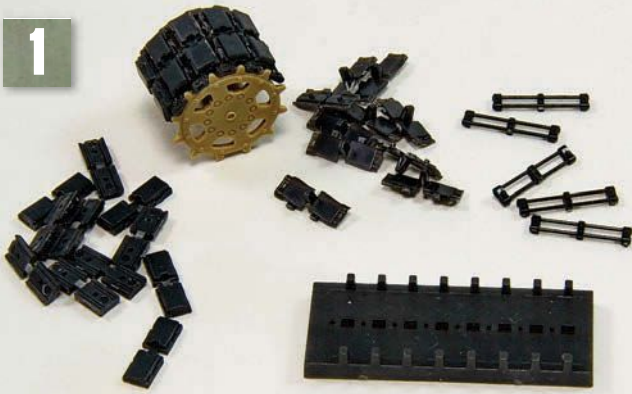
The starting point for this project was Meng Model's 'Panzerhaubitze 2000 w/Add-on Armor' (ref. TS-019). Released last year, this is a logical follow-on from their 2014 kit of the standard PzH 2000. The kit is typical of Meng's high-quality moulding and

attention to detail. There are, however, certain areas that would benefit from improvement. With this in mind, I decided to use Voyager's PE Detail set (ref. 35784), together with various scratch-built items. Returning to the base kit, what do we actually find in the box? Inside you'll discover:

- Nine sand-coloured sprues for the main assembly
- Two black sprues: one holding spare track links, and a jig for the main track assembly; the other for the add-on armour panels
- Individual-link tracks
- Two photoetch frets
- A turned-metal gun barrel
- A well presented assembly instructions, with painting/marketing schemes for four vehicles

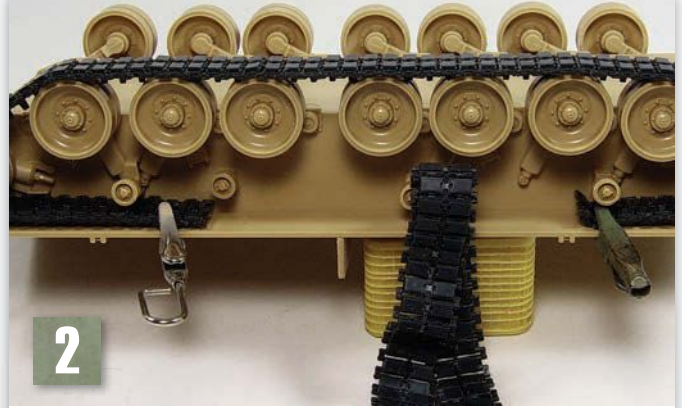


1



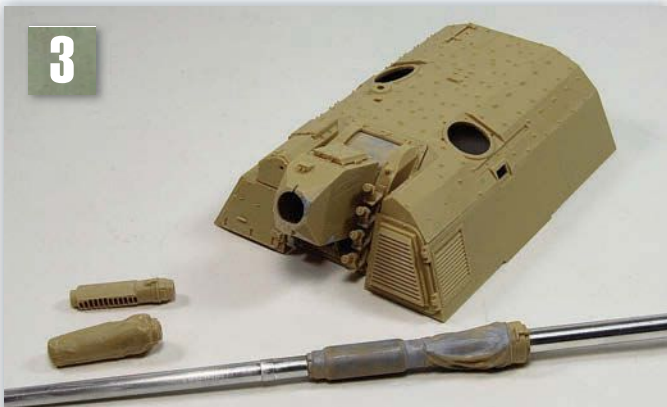
The track components: Meng have included a really useful jig, which really helped when aligning the individual links.

2



The tracks were assembled without the need for glue. Since the upper section would be hidden by the side panels, it was only necessary to extend the tracks beyond the first and last return-rollers.

3



Turret sub-assemblies before detailing: the kit includes optional muzzle brakes; with or without a dust cover.

4



A close-up of the running gear rear parts, prior to adding further weathering effects.





The lower hull, suspension and wheels fully painted and weathered.



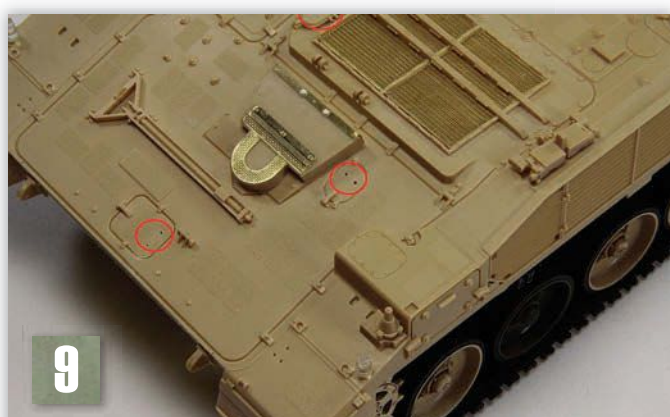
The before and after appearance of the tracks: top – painted with matt black; bottom – weathered with a layer of sand-coloured pigment.



A close-up of the gun mantlet: the chains attached to the smoke grenade dischargers were taken from the Voyager set.



A further close-up of the turret front details.



A close-up of the hull front, showing the photoetched air intake screen.

Assembly

Before making a start, I needed to decide which version I would be depicting. In fact I opted for version 'A', a German vehicle in two-colour camouflage.

Stages 1 – 8

Construction began with the lower hull and running gear. As with other Meng kits, the suspension is fully articulated. This feature is perfect for those who wish to present the finished model on uneven terrain. However, as I planned to set it on a relatively flat surface, I decided to permanently glue the suspension arms once I had checked for alignment. In

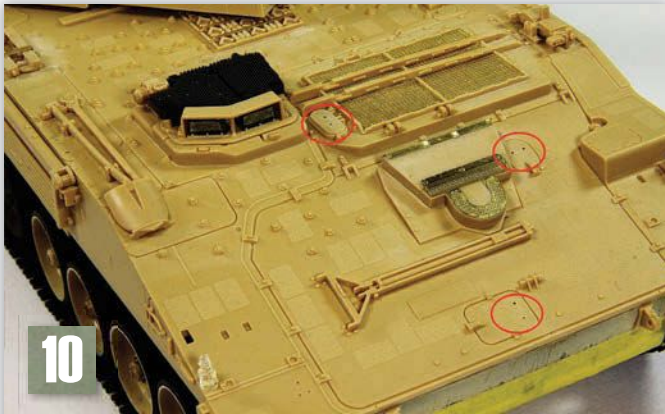
stage 6, I chose not to fit the cable brackets (parts X5) and rear access steps (parts E4 & E5); these are fragile components, and I was keen to avoid damaging them while handling the model. In fact, the Voyager set

offers more realistic versions of these items, but they are really difficult to assemble. Not happy with the moulding of the handle on the rear hull door, I removed this, and replaced it with plastic strip (using reference photos to check the exact shape).

Stages 9 – 13

Parts X1 & X2 represent the foldable warning plates. When lowered, these display red/white stripes; when folded (for off-road situations), they match the vehicle's base colour. In stage 10, no reference is made to part D28 (see photo 13). For the up-armoured version, this part needs to be modified to extend beyond the armour tile. Similarly, stage 11 fails to include the lights. I decided to attach these during the later painting stages. The travel lock could be added at this point. This item is movable, so care was required during subsequent assembly and painting. I also added hydraulic and electrical lines





Note the holes drilled for metal grab handles and the good representation of the anti-slip surfaces.

using lengths of fuse wire. Moving on to the hull sides, I decided to use the plastic versions of the barrel cleaning rods, being careful when cleaning up these items.

Stages 14 – 18

Time now to assemble and fit the tracks. Each link is made up three parts, which require a fair amount of preparation before fitting together. The links are securely connected without the need for glue, and the kit includes a very useful assembly jig. Since the upper section would be hidden by the side panels, it was only necessary to extend the tracks beyond the first and last return-rollers. Once the tracks were in place, I painted and weathered the lower hull, suspension and wheels. Not particularly impressed by the kit-supplied towing cable, I

replaced this with a metal version (compliments of Karaya). Although stage 18 suggests attaching the hull add-on armour, I delayed fitting the tiles until the camouflage painting was complete.

Stages 19 & 20

This sequence deals with the main gun and mantlet. Having three sub-assemblies (gun barrel, gun base/turret articulation, and mantlet), I left these unattached until the painting and weathering were almost finished. The V° measuring system, mounted on top of the gun base (parts F4, F5 & F14) was further detailed with various electrical cables (again based on reference photos). The smoke grenade dischargers were detailed with tiny chains included in the Voyager set. I added a touch of Micro Mask liquid to the turret's side windows to protect them during the painting stage.

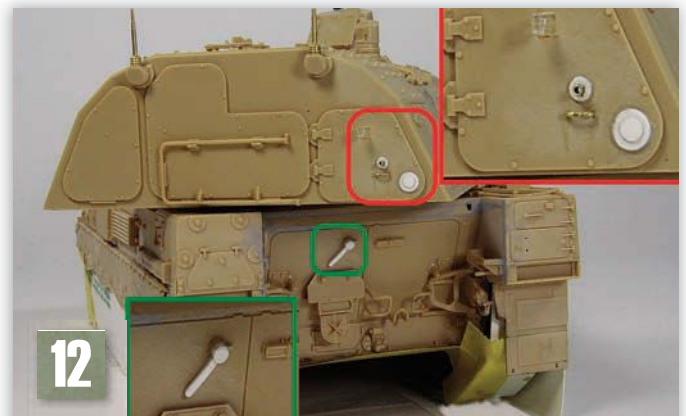
Stage 21 – 25

Having painted the armour tiles, I put these to one side for later fitting. The next task was to remove all the moulded-on handles and attachment points around the model, and replace them with Voyager's PE parts and scratch-built items. Although a fairly tedious operation, the result was certainly worth the effort. I modified the lower right-hand corner of the rear turret wall using my reference photos. This included adding a small tube on the right-hand door (designed to protect the computer system), a grab handle and a circular plate. I omitted the warning light, and simply attached the support bracket. The antenna bases were replaced by turned-brass versions from the Voyager set.

Modified part D28



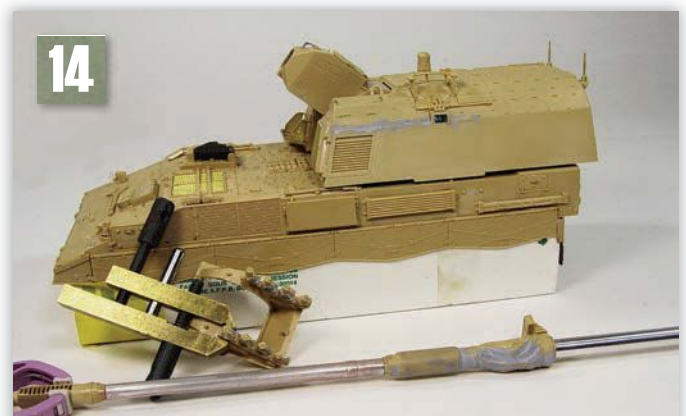
A close-up of modified part D28 (as described in text).



The rear hull and turret improvements.



The basic assembly of the kit complete, ready for the paint job.



With various items removed, and the lower hull masked, the model was ready to receive a coat of primer.

15



With the sand base-coat applied, Intelligent Panzer Putty was used to mask relevant areas in preparation for the second colour.

16



Applying the Panzer Putty mask. I found this material easy to apply. It is perfectly suited to both soft-edged and (as here) hard-edged camouflage schemes.

17



The masks removed and the paint scheme revealed. It's looks pretty stark at this stage.

Before attaching the stowage basket to the turret front, it was important to identify which of the two provided would be correct for the German vehicle (the other is for the Dutch version). Once in place, it was fitted with attachment points from the Voyager set, along with stowage securing straps made from metal foil.

Painting, Marking & Weathering

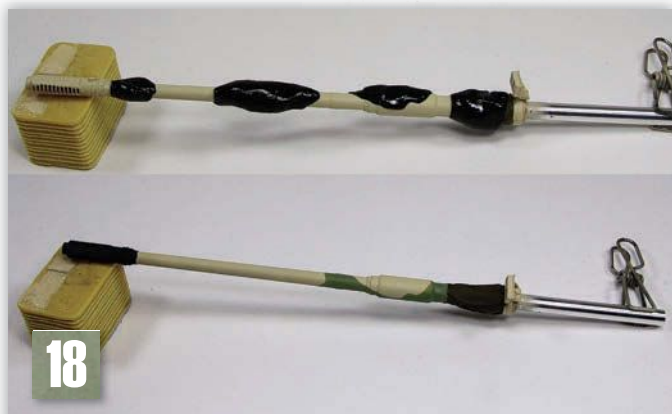
Having applied a coat of Vallejo 74.613 (Surface Primer – Desert Tan), I gave some thought as to the best paints to use for the two camouflage colours. Eventually I opted for AK Interactive's AK728 (German Sand Beige) and AK716 (Resedagrün). While these two colours would be sufficient for the majority of the surfaces, I decided to show heavily chipped paintwork over the lower front plate. To achieve this, I gave this area an initial

coat of NATO Green, and followed with a layer of hairspray. Once the sand colour had been applied overall, selected portions on the front plate could be scraped to reveal the underlying green. With the base coat fully dry, the next task was to prepare the model for the second colour. A masking medium that I have just come across is Intelligent Panzer Putty (ref. MXA001) from MXpression. I found this really easy to use, and in no time at all I had masked the main areas.

Before applying the camouflage green colour, I lightened it with a small amount of white. This was left to dry

in preparation for decal markings to be added. Incidentally, tools and other stowed equipment were over-painted

18



Painting the gun barrel: top – Panzer Putty in place; bottom – the finished result.

19



Here you can see the camouflage painting complete. Note the heavily chipped paintwork on the lower front plate.





20

And there you have it: the basic painting and marking stages complete.

with the camouflage colours when the vehicles arrived in Afghanistan.

The kit-supplied decals are excellent, and adhered well to all surfaces. The only omission is the large letter (E, F or G) that appears on the turret rear of these vehicles. The simple solution was to airbrush the letter using a PE mask. With an overall coat of matt varnish applied, I was ready to make a start on the weathering. Rather than using a wide range of weathering products, I settled for a series of oil paint washes (Natural Umber and other shades of brown), and a light dry-brushing of the base colour to emphasise raised details.

Setting the Scene

The inspiration for my simple scene was a selection of photos of the PzH2000 in a firing position in Kunduz. The base was formed from a piece of cardboard,

and covered with a thin layer of Sable Texture Paint (ref. FX009) from the French company, Prince August FX Effects. The Hesco gabions were from various resin sets produced by Pro Art Models, and were fixed in place using PVA white glue. Once these were secure, I applied fine gravel around their bases, and repeated this over the top of the gabions to improve the texture.

The completed base was airbrushed with various mixes of Tamiya's sand and white paints. Once dry, the barricade was dry-brushed to redefine the wire framework and gravel

texture. The finishing touch was to place a plastic barrel in the corner; painted blue, and weathered with a wash and pigments, this would add a new colour to the scene.



21

A rear view of the painted model, now onto the weathering.



22

Bringing it together at this stage, the model looks very good and the stark camouflage scheme has already been toned down by the various other elements.



23

Weathering begins with the turret. A light dry brush really brings out the detail of the turret armour tiles.



24

Oil paint washes really bring out the details of the turret.

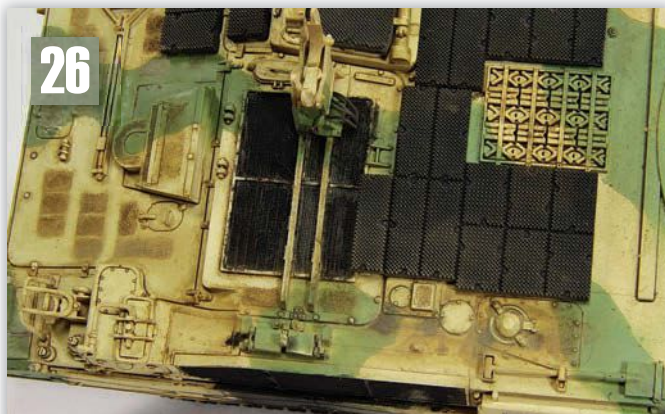


25



I used oil paint to replicate the distinctive rain and condensation marks down the turret sides.

26



The masks removed and the paint scheme revealed. It's looks pretty stark at this stage.

27



Painting the gun barrel: top – Panzer Putty in place; bottom – the finished result.

1



The images available on the Internet and supplied by Patrick show the PzH2000 operating in some carefully prepared fire positions so I decided to show off my model in the same setting.

2



The base was made from a piece of cardboard covered with a layer of Sable Texture Paint (from Prince August FX Effects), and the Hesco gabions were from Pro Art Models. Building a card structure at the rear prevented me from having to add these resin items where they would not be seen. The gabions were fixed in place with PVA white glue.

3



Having added fine gravel around and on top of the gabions, I airbrushed the entire scene with various mixes of sand and white, and treated the barricade to a dark oil-paint wash.

4



A light dry brushing enhanced the detail on the metal framework and gravel texture.

5



The final addition – a plastic barrel, painted blue to introduce a new colour to the scene.

In addition to various Internet photos, a useful reference source is Panzerhaubitze 2000 A1/A2 by Carl Schulze (Tankograd Fast Track 14). Here are several photos of the PzH 2000 in Afghanistan.

These were taken by my friend Patrick Winnepenninckx in 2011, shortly before the vehicles left Afghanistan.

Images: Patrick Winnepenninckx)



Images: Patrick Winnepenninckx)



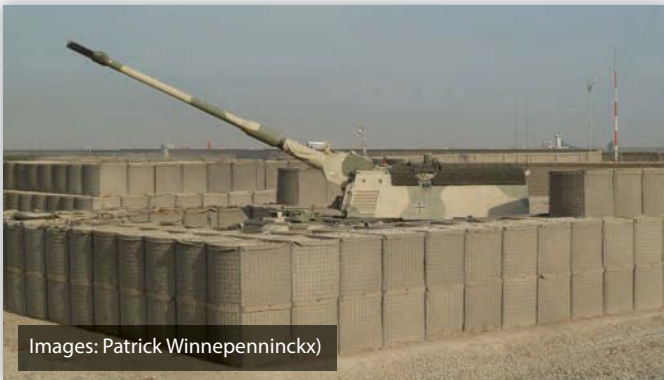
Images: Patrick Winnepenninckx)



Images: Patrick Winnepenninckx)



Images: Patrick Winnepenninckx)



Images: Patrick Winnepenninckx)



(Image: www.defencetalk.com)



Image: www.armoredphotos.blogspot.co.uk)





Availability

Meng Model 1/35 Panzerhaubitze 2000 w/Add-on Armor' (ref.TS-019) is available from good model shops.

 **Guideline Publications**

ON SALE NOW

OUT SOON

CAMOUFLAGE & MARKINGS

Armour in Theatre Normandy
Campaign Part I: British and
Canadian forces

VOLUME 2



Written and compiled by Mark Healy
Illustrated by Mark Healy

Volume 2 ~ A concise but highly detailed and illustrated coverage of the intense three months of combat that led to the defeat of the German Army of the West and of the special role of armour within it.

CAMOUFLAGE & MARKINGS

Armour in Theatre
Normandy Campaign Part 2:
US and German forces

VOLUME 3



Written and compiled by Mark Healy
Illustrated by Mark Healy

AVAILABLE FROM GUIDELINE PUBLICATIONS

www.guidelinepublications.co.uk OR CALL **01908 274433**

WARPAINT BOOKS

Much loved series
out of print can
now be ordered
ON DEMAND



**PRINT ON DEMAND
TITLES AVAILABLE NOW**

- | | | |
|------------------------|-------------------------|----------------------|
| 1. Beaufighter | 19. DH Hornet | 44. Venom |
| 2. Buccaneer | 20. Seafire (Griffon) | 45. B-57 Canberra |
| 3. Ju 87 Stuka | 22. Gloster Meteor | 47. F-101 Voodoo |
| 4. F-100 Super Sabre | 23. Fairley Gannet | 48. Lysander |
| 5. Hawker Typhoon | 24. Dornier Do 217 | 50. Beaufort |
| 6. Avro Shackleton | 25. Short Sunderland | 51. Lockheed Neptune |
| 7. Junkers Ju 88 | 26. Bristol Blenheim | 53. Anson |
| 8. Hawker Hunter | 28. Fairley Firefly | 54. Whirlwind |
| 9. F4F Wildcat/Martlet | 30. RAF/RN Phantoms | 57. Hampden |
| 10. Vickers Wellington | 32. Boston/Havoc | 59. Lockheed Hudson |
| 11. DH Sea Vixen | 33. Heinkel HE 177 | 61. S79 Sparviero |
| 12. Fairy Swordfish | 36. Handley Page Victor | 63. Valiant |
| 13. Fw 200 Condor | 38. Thunderchief | 65. Wessex |
| 14. BAC Lightning | 39. Walrus | 67. Gnat |
| 15. Short Sterling | 40. Canadair Sabre | 72. Seafire Merlin |
| 16. Hawker Sea Fury | 42. Defiant | |
| 17. Douglas Skyraider | 43. F-104 Starfighter | |

WARPAINT BOOKS LIMITED

Unit 3, Enigma Building, Bilton Road, Denbigh East, Bletchley Bucks MK1 1HW
Telephone: +44 (0)1908 270400, Fax: +44 (0)1908 270614, Email: kim@regallitho.co.uk

For prices, details of availability and secure ordering
www.warpaint-books.com

All major credit cards accepted. Orders can be placed by mail, telephone, fax or through the website (www.warpaint-books.com) Plus postage on UK orders. Overseas readers pay postage at air mail printed paper rate.



Your #1 Source for Current & Out of Production Plastic Model Kits!

Mustang-Hobbies.com

OLI models 

Large selection of classic & new:

- aircraft, armor & figures kits,
- resin conversions & detail sets,
- books, paints & other supplies.

1-703-594-7934

shop@olimodels.com

www.olimodels.com

Richtung

Mike Sicilia presents a dynamic Normandy diorama.

The Kübelwagen was one of the most widely used military vehicles employed by the German army during World War II. The Kübelwagen originated in a project of Ing. Ferdinand Porsche who before the war had the task of designing a light and economic car called 'the people's car' or Volkswagen. From this project in the following years it was decided to develop a car for military use. The resulting Type 82 had a rear, air-cooled 985cc engine, two-wheel drive, a good off-road performance and could reach a top speed of 80 km/h. Thanks to its a lightweight chassis and bodywork, it was also simple to build. Between 1940 and 1945 more than 50,000 units were built, and improvements during production, perhaps the most important of which in March 1943 was an engine upgrade to 1,131cc, kept the

Kübelwagen a ubiquitous part of the Wehrmacht's inventory to the end of the War. The air-cooled engine kept this small car going from the cold of the Russian front to the scorching heat of Africa.

Construction

Tamiya's Kübelwagen kit is very well known to modellers because it has been available for several years, representing excellent value for money. The build is simple with fine details out of the box, but you can decide to enhance or add detail to the kit easily.

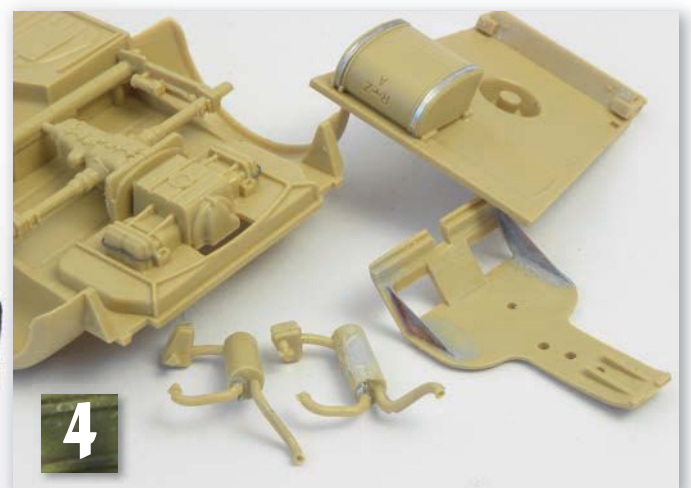
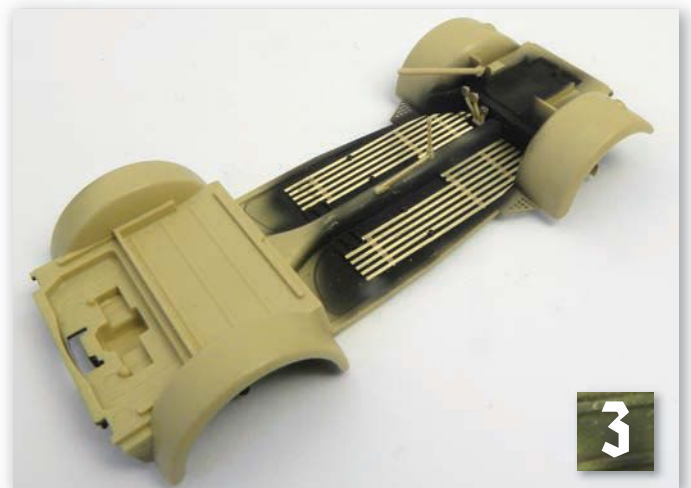
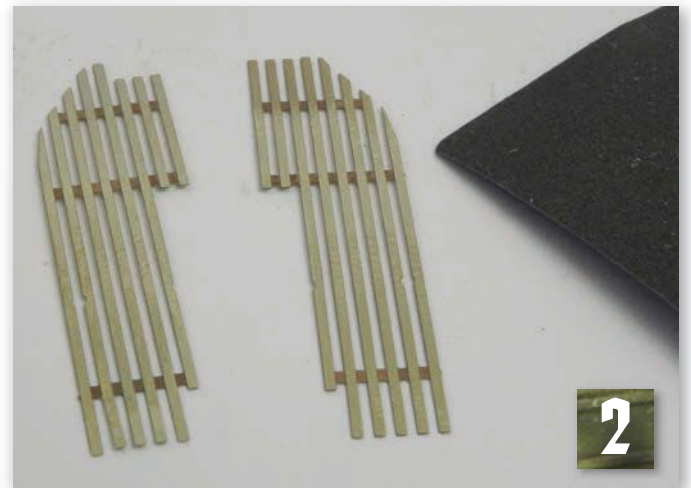
I opted for the addition of the Eduard's photoetched detail set (ref. 35355). The set is a good compromise for those who wish to add detail but struggle with photoetch: it has all the parts you need to enhance the kit's appearance but is mercifully easy to use. Armed with the two instruction sheets (Tamiya and Eduard), I began assembly. I improved the detail of exhausts reconstructing the missing welds, drilling the out the ends and replacing the unrealistic support (**photo 1**). Then I added the wooden boards on the Kübel's floor from Eduard's set, after having sanded them to facilitate the subsequent painting (**photos 2 & 3**). I added the straps to the fuel tank and improved the detail of the bonnet (**photo 4**).



"Jabo, küss mein Arsch!"

Normandy, summer 1944

Boo!





5



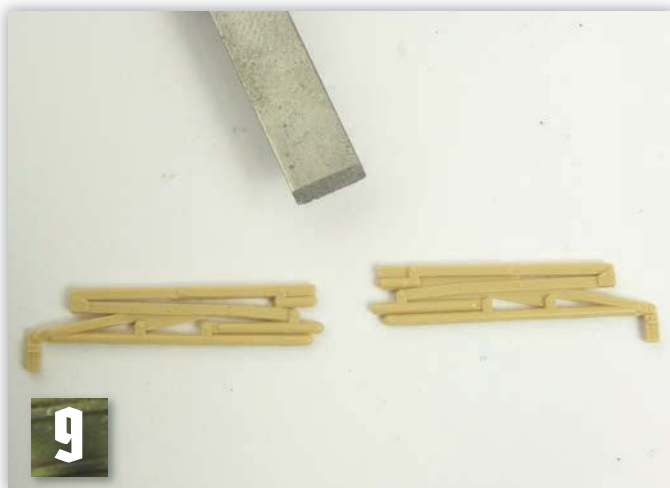
6



7



8

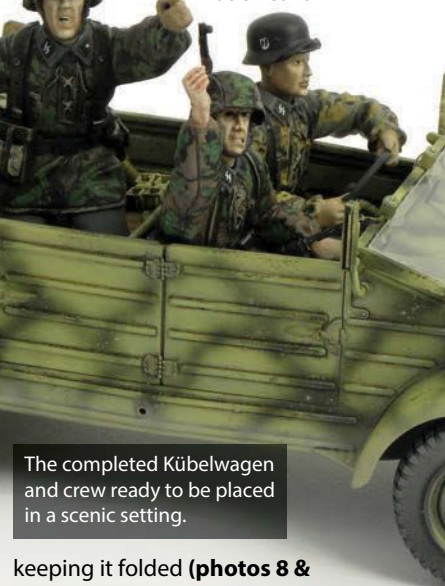


9

Assembly continued with the installation of the body, and as always with a Tamiya kit I found it easy to install. The seats are one of the weaker aspects of the Tamiya kit, so I

the canvas tilt provided in the kit, also rebuilding the corresponding buckles for

decided to rework the springs and backrest altering the plastic parts with a sharp knife (**photo 5**). Using the Eduard set I rebuilt the instrument panel (**photo 6**), and improved some more details, such as door handles, the paddle support, the clasps for the crew's personal weapons, direction indicators and the windscreen wipers (**photo 7**). In addition, with two-part epoxy putty from Andrea Miniatures, I modified



The completed Kübelwagen and crew ready to be placed in a scenic setting.

keeping it folded (**photos 8 & 9**). During the various assembly steps I painted all the areas in shadow and those that would be difficult to reach later black with the airbrush and the base colour (**photo 10**). Finally, with copper wire I reproduced all the various electrical wiring for the lights, horn and wipers. Now, with that done, the model was ready for paint.



10



11

Painting

I didn't assemble the model completely at this stage, but left it in various sub assemblies to assist in painting. As the first step I preshaded the exterior with Vallejo Black to give volume to the model (**photo 11**). Then I applied the basic Dunkelgelb use the Vallejo

71081, which I find an excellent match for the wartime shade, lightened where appropriate with Vallejo

White to give a few highlights. I purposely let the base colour get very light as I knew on a small model like this the effect of the camouflage and subsequent weathering stages would be to darken the overall appearance of the model considerably. This Dunkelgelb coat was heavily thinned and applied in layers so as not to cover the previous preshading (**photo 12**) The wheels were painted with Gunze H77 and

the base colour of Kübel. I painted the rims and kept them neat with the help of a stencil. Thankfully, the Eduard set has special masks for this step. I deliberately painted two of the rims a different colour as if they came from another vehicle. (**photo 13**). I had in mind for this vehicle a spidery camouflage pattern of Olive Green over the Dark Yellow base. I applied this with Tamiya's J.A. Green (XF-13) very diluted and sprayed with the airbrush at low pressure (1 atm) (**photo 14**).

With the exterior of the Kübelwagen painted I turned my attention inside and painted the floorboards Vallejo 917 Biege and then painted a coat of Burnt Umber oil painting, removing the excess after a few minutes and reproducing the grain of the wood (**photo 15**). To give depth to the interior of the model I applied a pin wash to all the recesses, lining them with a mixture of Vandyke Brown and Cassel Earth oil paints diluted in white spirit (**photo 16**).



12



13



14



15



16



17



18



19



20



21

After a few minutes I removed the excess with a clean brush dampened with white spirit. For the seats I used a base of Vallejo acrylics (914 Green Ochre and 880 Khaki Grey), followed by an application of oil paints. I then removed the excess and completed the seats by shading them with Burnt Humber, while using Cassel Earth to I profile the springs (**photo 17**).

I applied the 'Hitlerjugend' divisional symbol with a metal stencil and sprayed Vallejo White through the airbrush (**photo 18**). The rear canvas tilt received a similar treatment to the seats, using the Vallejo colours as a base and oil colors to shade and highlight it (**photo 19**). For the external body of vehicle, as for the interior, I outlined the recesses with the same oil colours as before. At this stage the windshield received the transparent part for the glass which was then dusted with the help of the mask included in Eduard's set reproducing where the wipers had cleaned the windscreen (**photos 20**). The rearview mirror was reproduced with silver foil and a pair of pliers (**photo 21**). I then lightly dry-brushed the model with oil paint to highlight the details and give further depth to the model. The bodywork had a few scratches and I applied these with a sponge using oil paint (**photo 22**). Finally, I did some research on the Internet and found a database of registration numbers used by the Waffen SS and German army in Normandy. I then raided my spares box to come up with a

suitable registration number.

Setting the Scene

From the start of this project my idea was to make a small diorama set in the Bocage during the Battle for Normandy. I saw a lot of photos in books and on the Web and I soon came up with suitable inspiration. A Warriors' set of figures provided all the necessary human elements. I began to make the base from a cheap Ikea picture frame and glued a square of polystyrene where the groundwork would be placed. While the base dried, I started to make the Bocage itself with natural bits and pieces which I had collected in the woods. I reproduced the some of the foliage with commercial products and I glued them in place with spray glue. I repeated these steps three or four times (**photo 23**).

For the trees I used the teloxys aristata or 'Sea Foam', and I used the same steps as above. Once everything was dry, I decided to paint it they with some various shades of green tone using the airbrush. It's always important to paint the groundwork, even when using the most natural of products. When the vegetation was ready I began to make the groundwork with sand, polyfilla, water and white glue. I put the mixture on base with a small spoon. After an hour, with the terrain still wet, I added the vegetation and the trees (**photo 24**). Then I sprinkled some sand on the terrain for a more realistic texture. While this was still wet I impressed the tread from a spare 1/35-scale Kübelwagen tyre.



I wanted to add something to complete the scene and add a sense of danger and I decided for part of an airplane. I had an old kit of a Fw190 in 1/32 scale, so I used its tail. I had recently read an interesting book on the Fw190 in the 'Pilots and Planes' series from Histoire and Collection. It was full of colour profiles which proved very useful and I painted the tail in the classic Luftwaffe scheme of RLM 74/75/76. I began the painting with a base coat with primer, then I preshaded all of the surfaces. Then, using Gunze Sangyo's paints, I sprayed the RLM76 on the lower and lateral surfaces and RLM74/75 on the upper surfaces (photo 25). When the tail was dry, I sprayed a layer of Future to obtain a gloss surfaces and applied the decals. After a further wait of a

few hours I used Cassel Earth oil paint to wash the panel lines to make the tail 'pop' (photo 26). A layer of Vallejo Matt Varnish completed the aircraft part of the diorama and I attached it to the groundwork with white glue.

Conclusion

During the summer of 2004 I visited the France and Normandy. This was a incredible experience and it was then I decided to build a diorama of the Normandy campaign. It has taken me a decade or so to realize my ambition, but I'm delighted by a diorama which, I hope, captures something of the desperation of the Normandy fighting. My special thanks are due to my friend Alberto who painted the Kübelwagen's crew.



Availability

Tamiya 1/35 Kübelwagen Type 82 (ref. 35213) is available from all good model shops.

The Final Post Funky Wagon

Roman Volchenkov opens the box on Bronco Models' Horch Radio Car

The Horch 901 (the base for both the Whermacht's Kfz 12 and Kfz 15 car) was produced between 1937 and 1943 in Zwickau with approximately 16,000 vehicles made. It was used by the German army as a medium off-road passenger car, yet it was not very popular among the troops. Nevertheless, it saw service throughout the War, from the Eastern Front to North Africa and, of course, as such it's an attractive subject for modelling in 1/35 scale. Italeri made a kit of Kfz 15 Horch in 1980 and this was reboxed by Tamiya two years ago. Compared to the new offering from Bronco Models these kits are so outdated that it makes no sense to me why would one buy one now. Bronco has produced both the Kfz 12 (passenger car) and the Kfz 15 (radio car). The latter one is a subject of this short review and a full article will appear in a future issue of MMI.

The German Horch Fu.Kw. Kfz.15 Radio Car (ref. CB35182) comes in a standard Bronco cardboard box and features a poster depicting the attractive box art, some twenty tan-

coloured plastic sprues, a clear sprue, two photoetched frets and decals for two marking options. The assembly manual has 23 pages (including paint directions) and judging by that number of steps and by the sheer number of sprues for so small a vehicle you can already guess that the guys at Bronco have built in plenty of detail into a small kit. The chassis frame is super detailed, as is the 3.5 litre engine. One might add some wiring to the engine room but it is not really necessary as the space looks busy already. The tyres are made of separate parts and although they do not have weighted feel they are nicely detailed and can be used out of the box. The upper body has plenty of details both inside and outside. All the various levers, tools, clasps and handles are present in the kit. The rear storage compartment (the 'boot' I guess you call it) has shelves and boxes in case you choose to depict it open. The tarp is provided in two variants: one fully expanded and the other folded. For the first variant a set of side windows is included as well.



As ever, Bronco's kits are attractively packaged with great box art and CAD drawings of the kit parts.



The chassis is straight and true; you can already see the level of detail Bronco has incorporated into this kit.

The interior is similarly detailed and the fit is completely trouble free.

The Final Post **Funky Wagon**

Roman Volchenkov opens the box on Bronco Models' Horch Radio Car

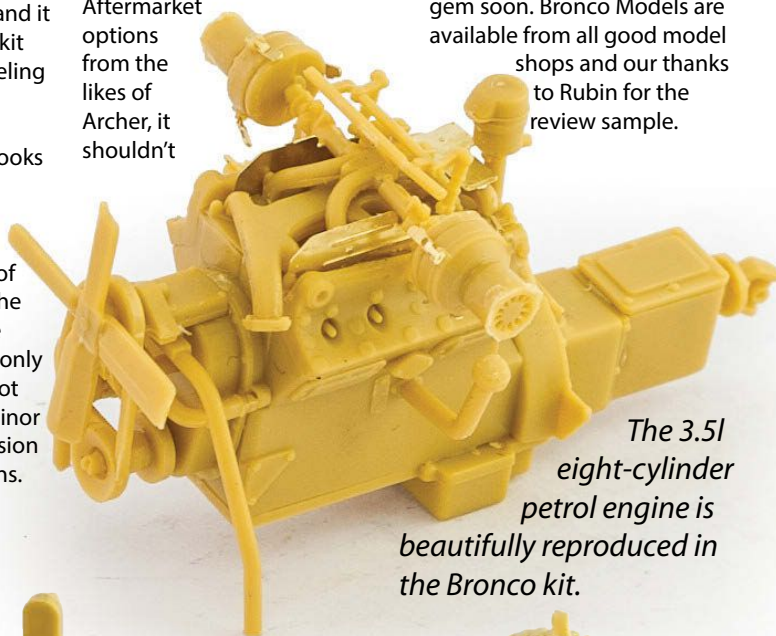
Unique to this version, the radio car parts include transmitters, radio unit, antenna base and headphones. The only thing missing is wiring. It would have been helpful for Bronco to have provided some guidance for that, but with a little bit of searching I was able to find the information online. The front shield (windshield) can be also made folded in canvas or installed vertically. Here I appreciate Bronco producing the windshield as a single clear part. Although it requires some masking for painting it is better than installing the separate windows into the frame as

many other kits do. No glue marks in the corners!

As you can see from the images the detail is sharp and it looks very impressive. The kit opens up a wealth of modeling possibilities, depicting wrecked, repaired or abandoned vehicles, as it looks like every tiny detail of the suspension is captured. So far the only omission I discovered is the absence of small lever that connects the steering wheel shaft to the steering push rod, but it is only absent from the manual, not from sprues! If I had one minor gripe it would be the inclusion of only two marking options.

However, as most of us have an overflowing spares box of decals, not to mention Aftermarket options from the likes of Archer, it shouldn't

detract from what is a superb kit. As I said, I'll be bringing you a full build article of this little gem soon. Bronco Models are available from all good model shops and our thanks to Rubin for the review sample.



The 3.5L eight-cylinder petrol engine is beautifully reproduced in the Bronco kit.



The suspension and chassis complete and the Kfz. 15 begins to take shape. It's not an easy build, but if you've built other Bronco kits you won't be disappointed by this one.



A beautifully restored Horch Kfz. 15 seen at the War and Peace show at Beltring (source: www.wikipedia.org).



A Kfz. 15 in pre-War Wehrmacht service (source: www.wikipedia.org).

Words & Pictures

A round up of the latest military titles



Title: Büssing Schwere Pz.Spähwagen Part 1 (Nuts & Bolts 35)
Author: Holger Erdmann
Publisher: Nuts & Bolts
Price: £25.15(pb)

The latest volume in the excellent Nuts & Bolts series covers two of the best-known AFVs used by the German army in World War II: the eight-

wheeled armoured cars the Sd.Kfz. 231 and Sd.Kfz. 232. The book is organized in the way familiar way, the opening section detailing the development and production of

these vehicles (usefully detailing the different production changes in the five production series. We then move onto a section covering the organisation of the Wehrmacht's reconnaissance units, including potted histories of the various reconnaissance battalions in which the '231' and '232' served. There then follows a section on marking and camouflage, before ending with a very helpful and comprehensive guide to modelling the 'acht-rad' in Small-Scale and 1/35 scale.

The meat of the book is to be found in the sixty pages of

throughout the War and on all fronts. This section is organized chronologically and by theatre of war and is undoubtedly the ultimate photo reference to these two important vehicles. This is followed by eighteen pages of scale plans in 1/35, showing all the production variants of both vehicles, and fourteen colour plates, all meticulously matched to archival images in the preceding section. The book then has an exhaustive walkaround of one of only two surviving '231's' in Koblenz (the other being in the Ahmednagar Tank Museum in India). The book concludes with two excellent builds of AFV Club's Sd.Kfz. 231 and 232 by Tony Greenland and Vinnie Brannigan. As ever with the team from Nuts & Bolts, the production standards are first rate and the research underpinning the book excellent. It's highly recommended to all students of the German armed forces in World War II and is an essential companion to anyone contemplating building one of these vehicles in miniature. It's available in the UK from Historex Agents

(www.historexagents.com).

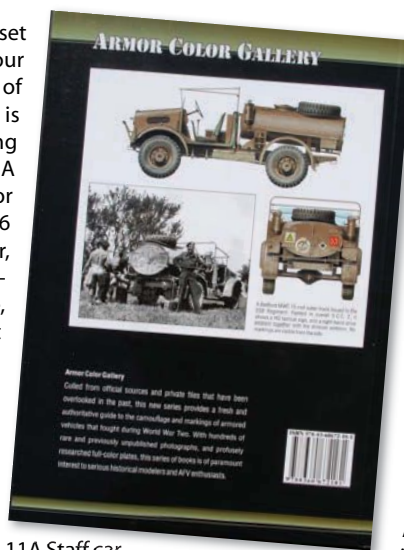


David Grummitt

Title: Camouflage and Markings of the 6th South African Armored Division North Africa & Italy 1943-45: Part 2 Wheeled Transport and Artillery (Armour Colour Gallery 9)
Author: William Marshall
Publisher: Model Centrum Progres
ISBN: 978-8-36067-2-181
Price: €19(pb)

Not a new book (first published in 2012) or series, but not one we've covered before in these pages, but it was a pleasant surprise when our friends at IBG Models sent us through some sample copies for review. The first volume (Armor Gallery 6), which is sadly now out of the print, covered the AFVs of the South African Armored Division in North Africa and Italy, so this volume on the soft-skinned vehicles is very welcome indeed. Its 72 pages cover the various units within the division, motorised infantry, artillery, engineers, technical and medical services, as well as logistics. It then covers paint and camouflage colours before moving onto tactical markings. It closes with appendices showing unit

organisation and a set of excellent colour plates. The range of vehicles covered is very wide, including the Chevrolet C15A FFW (Fitted for Wireless), Mack NM6 6-ton gun tractor, CMP Ford F30 30-cwt ambulance, Dodge D15 15-cwt GS, Bedford MWC 200-gallon water tanker, Dodge D15 water tanker, Ford F60L 3-ton GS, Ford WO2A heavy utility staff car, Canadian 1941 Ford 11A Staff car, Ford C11ADF Woody, 1938 Ford 81A Staff Car, Ford O1Y 1-ton Panel truck, Ford F60-2L CMP ambulance, Austin K2/Y ambulance, Dodge T-110L-5 3-ton GS, British Fordson Sussex 6x4 truck, Chevrolet 1500-series 3-ton Canteen vehicle, Dodge D15 15-cwt GS, CMP Chevrolet C15 4x2 GS, Chevrolet C60L, Bedford QLD office truck, British Ford WOT2A 15-cwt GS, Canadian



Dodge T212 8-cwt GS, Dodge WC-52, Bedford MWD, AEC Matador Heavy Tractor, Morris C9/B SP Bofors, Guy Quad-Ant gun tractor, Chevrolet FAT-2 gun tractor, Morris Mk. III Field Artillery Tractor, Scammell Pioneer SV/2S breakdown tractor, Scammell TRMU-30 Tank Transporter, Diamond T 980 and 981, Mack LMSW 6x4 breakdown, as well as A/T, A/A, Field and Heavy artillery pieces: 40 mm Bofors A/A, 3.7-in A/A, 5.5-inch Howitzer, 25-pdr Field Gun, and 6-pdr A/T – quite a list!

The book is stuffed with 127 original photos from both North Africa and Italy alongside some informative captions. Overall this

is a fantastic resource for both modellers and softskin enthusiasts alike. It's available from good military booksellers and check out the publisher's website (www.modelbooks.republika.pl) for more details.

David Grummitt



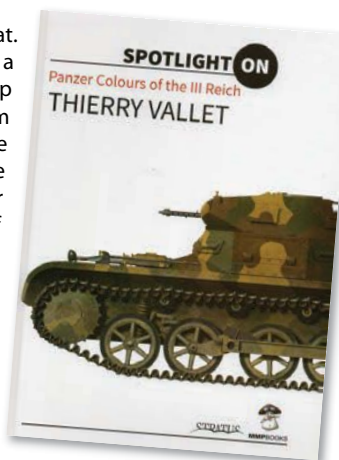
Words & Pictures

A round up of the latest military titles

Title: Panzer Colours of the III Reich (Spotlight Series)
Author: Thierry Vallet
Publisher: Mushroom Model Publications
ISBN: 978-8-36367-8-739
Price: £19(pb)

One of the attractions of building German Armour is the fact that it was camouflaged to suite its operational use rather than the 'one colour suits all' adopted by the Allies on most of their vehicles. The period covered by this book is 1918 until 1945 and from the very beginning the paint shops was kept busy. For instance, the profile of an A7V Sturmpanzerwagen shows the vehicle to have been covered in large patches of Rostbraun, OcherGelb, Grün and Feldgrau. And just to give the workshop a little more to do, each patch was outlined in black. The outlining of the patches seem to have been

abandoned after that. The next profile is of a the Krupp 'Grosstraktor' from 1935. After that the machines are more familiar with four PzKpfw Is. One of these, an Aust B was smeared with mud, to reduce visibility, a tactic also used by some Sherman crews. The book contains just one more 'bruiser' before we get to the more familiar vehicles of World War II and that is Neubaufahrzeug that saw service in Norway in April 1940. From then on most armour modeller will recognize the vehicles depicted



in the forty-one superb colour profiles, each one identified by unit and location. Although some machines were in RAL 7028, others had a more marginal scheme. Two of these were described as 'ambush camouflage' and the 'dot' scheme, but if you want a scheme that stands out, then how about a captured Sherman M4A2 in US Olive Drab, RAL 7028 and RAL 8017. Each profile, of course, shows only one side and it is a matter of conjecture whether the scheme was repeated on other aspects of the tank. There is one good thing, you will not have the extra expense of paint masks, just a paint brush, a steady hand and ideally an airbrush!

Ernie Lee

Title: T-34-85 Camouflage & Markings 1944-1945
Author: Przemysław Skulski with Thierry Vallet
Publisher: Mushroom Model Publications
ISBN: 978-8-36367-8-861
Price: £20(pb)

There cannot be many military enthusiasts who are not familiar with the famous T-34 battle tank. When it became obvious that the early version, armed with a 76mm gun was not capable of piercing the armour of the Panther and Tiger tanks, they decided to re-arm it with a modified version of the 85mm anti-aircraft gun. The first section is devoted to colour profiles with accompanying photographs. The majority of T 34's were, of

course, painted the official Red Army paint colour, 4BO Green (a shade of olive green), but there were exceptions and you will find some of these among the profiles. Also noticeable are the highly visible white lettering that adorned the turrets and hulls of many machines. This will not help the modeller who wishes to deviate from the kit decals as the size and variation of these letters mean



very specialist after-markets decals. This section is not just devoted to tanks in Soviet service. You will find examples used by Czechoslovakia, Finland, Yugoslavia and even machines captured by the Germans. We then come to the last and very important chapter, entitled 'Version Details'. Most, but not all of the photographs are of turret variations, thirty-nine pages in all. Add to that two pages of tactical markings and you have an excellent addition to the Mushroom Military range, on top of that I am sure you will be looking more closely at the kit box in future to find out exactly which machine it represents.

Ernie Lee

Title: Magach 7 IDF Patton M60: Magach 7 & 7 Gimel in IDF Service - Part 1 (IDF Armor Series 14)
Author: Michael Mass and Adam O'Brien
Publisher: Desert Eagle Publishing
ISBN: 978-9-65770-0-006
Price: £22.99(pb)

The Magach 7 and 7C, or 'Battering Ram' in Hebrew, are the most heavily converted US M60 tanks in the IDF inventory. This is the sixth set of upgrades applied to the venerable M60 MBT since the 1973 Yom Kippur War. This involves new and more effective ERA tiles, a new turret control and gun stabilisation system, alongside a 21st-century Fire Control Centre. The Magach 7 and 7C has seen action in recent conflicts in the West Bank and serves in both regular and reserve army units. The

book contains more than 225 photos of the Magach 7 in its 84 pages and is produced to the same high standards by the acclaimed Desert Eagle Publishing team. The book begins with a short introduction to the history of the Magach in IDF service before launching into some terrific shots of the Magach in combat during operations on the West Bank during the Second Intifada in 2000 and 2002. We then move on to a study of the 'Man and Machine', showing various IDF personnel interacting with



their tanks, before a long 'In Detail' section offering a walkaround of Magach 7 and the Nochi mine roller. There are then shorter photo sections on refuelling the tank, the interior and the tactical markings. Both the author (Mass) and the editor/designer (O'Brien) are modellers and this shows in their eye for the kind of details and weathering images that appeal to modellers. This is one of the best armour series in publications and an absolute must-have for all IDF armour modellers and enthusiasts. It's available in the UK from Wendy at the Aviation Book Centre (www.aviationbookcentre.com) who kindly supplied the review copy.

David Grummitt

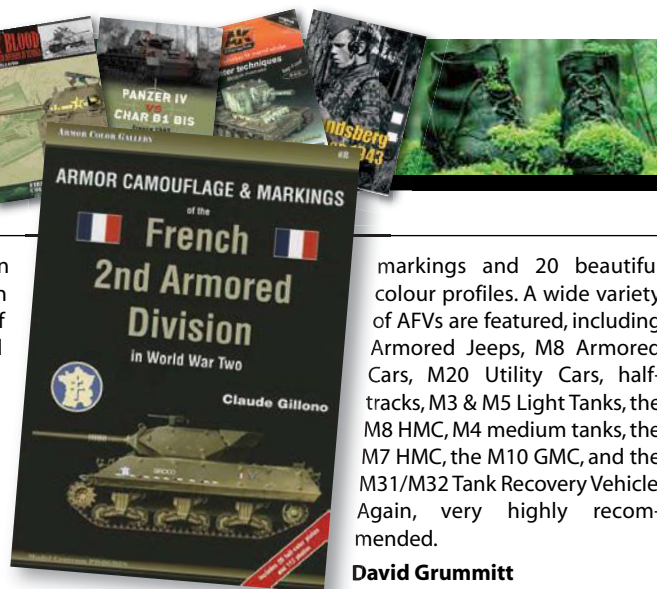
Words & Pictures

A round up of the latest military titles

Title: Armour, Camouflage & Markings of the French 2nd Armored Division in World War Two (Armour Color Gallery 8)
Author: Claude Gillono
Publisher: Model Centrum Progres
ISBN: 978-8-36067-2-167
Price: €19(pb)

Another slightly off-beat title from the excellent Armour Color Gallery series, this one covers the 2nd French Armored Division

as it served in Northwest Europe in 1944-45. The mixture of authoritative text and well-captioned photo is a winning combination and 64 pages contain 112 archival photos, five organisational tables, two pages explaining the division's complicated system of tactical



markings and 20 beautiful colour profiles. A wide variety of AFVs are featured, including Armored Jeeps, M8 Armored Cars, M20 Utility Cars, half-tracks, M3 & M5 Light Tanks, the M8 HMC, M4 medium tanks, the M7 HMC, the M10 GMC, and the M31/M32 Tank Recovery Vehicle. Again, very highly recommended.

David Grummitt

Title: UNIFIL FINFUL 1978/2011: Tanks and Maintenance of Peace in Southern Lebanon from 1978 to 2011
Author: Thomas Seignon
Publisher: Caratère Presse & Editions
ISBN: 978-2-91640-3-083
Price: £28.00(pb)

Another new publisher to these pages, Caratère Presse & Editions have made an impressive debut. This dual-language book, written by the former head of the UNIFIL liaison office from 2010 until 2011, covers the history of the United Nations Interim Force in Lebanon. This was originally created by the United Nations, with the adoption of Security Council Resolution 425 and 426 on 19 March 1978, to confirm Israeli withdrawal from Lebanon which Israel had invaded five days prior, restore international peace and security, and help the Government of Lebanon restore its effective authority in the area. The author had an interest in the military equipment to be found there and an opportunity to photograph

it. The array of countries that served meant a fascinating variety of vehicles operated in the region. All the book's text and the picture captions are repeated in both French and English.

This is more than just a book of military vehicles painted white. It begins with an introduction and background to the situation, the history and the deployment of the UN force, and an overview of the armed forces employed there and the vehicles they deployed. These included China, Finland, France (with a varied vehicle selection), Ghana, India, Indonesia, Ireland, Italy, Nepal, South Korea, Spain, Sri Lanka, Slovenia, Malaysia and Turkey. The book also considers the vehicles of the Lebanese Army and IDF. Some of the APCs featured include the BTR-80, the VBL, VBCI, RG-32, the Chinese WZ551, which also includes the ARV version, the Spanish BMR 600, a Nigerian Fox CVR(W), and the Nepalese deployment of the South African Casspir patrol vehicle. Heavier AFVs featured include the French Leclerc, along with the Lebanese Army M48, while Israeli sec-



tion includes various marks of Merkava, the Namer, Puma, Nagmachon and Achzarit AFVs. The book's 112 pages are fairly packed full of images as you can

imagine from this description of its content and it's highly recommended to fans of modern armour and conflict. It's available in the UK from Wendy at the Aviation Book Centre (www.aviationbookcentre.com) who kindly supplied the review copy.

David Grummitt

Title: FC Modeltips Volume 1
Author: Federico Collada
Publisher: Federico Collada
ISBN: 978-8-46082-8-877
Price: €25.99(pb)

Regular readers of MMI will no doubt recognise the name of Federico Collada, who has regularly contributed articles to the magazine

over the past few years. This book, in collaboration with Vallejo acrylics, distils some thirty 'top tips', mainly, but not exclusively, around painting and weathering in one, nicely produced volume. Some of the techniques will be familiar to many modellers, but are here explained with clarity (it contains one of the clearest step-by-step explanations of the 'Zenithal Light' technique for instance). There are some ingenious

techniques that will be new to many modellers – such as using printed photographs of real planks applied to decal paper to replicate the wooden cargo bed of a truck – and some very useful and sensible ones – the use of a hairdryer to impart sag to vinyl tracks or how to add texture to MiniArt's vac-formed diorama bases. All the features are very clearly laid out with some great step-by-step photography. The models themselves are not too bad either!

I have one small niggle, it's that the book would have benefitted from an English editor or proof reader at the least as some of the technical terms are a little obscure. None of that, however, should detract from a great little volume which is bound to find a place on many modellers' shelves. I look forward to the second volume. See for the FC Modeltips website for further details and ordering information (www.fcmodeltips.com, where you can also find details of some fantastic free decal downloads).

David Grummitt





Admission: Adults £3
 Snr. Citizens £2
 Children £1

All proceeds go to the
St. Francis Hospice



Multi - Class Competition

Sunday Only

Senior Classes sponsored by

modelsforsale.com

For more details send SAE to either...

Peter Bagshaw
 25, Repton Drive
 Gidea Park
 Essex RM2 5LP
 Tel: 01708 726 102

Robinn Bellamy
 160 Faringdon Ave.
 Harold Wood
 Essex RM3 8JT
 Tel: 01708 376 508



Opening Times:
 10am to 5pm Saturday - 10am to 4pm Sunday

Hornchurch Sports Centre
 Harrow Lodge Park, Hornchurch Road,
 Hornchurch
 Essex RM11 1JU

Southern Expo 2016

19th & 20th March

The Friendly Show

Email:

southernexpo@tiscali.co.uk

Website:

[HTTP://WWW.SOUTHERNEXPO.CO.UK/](http://www.southernexpo.co.uk/)

THE show BY Modellers, FOR Modellers! Come to the amazing...

On Track

MILITARY MODELLING SHOW

UK and Overseas Traders
 expected at OnTrack 2016:

Accurate Armour
 Armour Models
 Armourfast
 Avid Reader
 Black Lion Decals
 Black Dog
 Blitzkrieg Models
 Britnell Bases
 Bull Models
 Dan Taylor Modelworks
 Den Bels Models
 Des Kit
 Dorking Models
 Engine Shed Toys
 Friendship Models
 Giesbers Models
 Gramodels
 Great North Roads
 Guideline Publications
 Inside The Armour
 Kit Crazy
 Kingfisher Miniatures
 Landmark Models
 Matador Models
 Millicast
 MMS Models
 Model Trans Modellbau
 Pinnacle Modelling
 Poi Models
 Resicast
 Sgt's Mess
 Sovereign 2000
 Sparta Modellbau
 Squires Tools
 Starlers Armour
 Early War Miniatures/20mm Zone
 The Aviation & Military Book Centre
 Progressive Engineering Solutions
 Ltd/Sphere Products

Saturday 27th February 2016
 Leas Cliff Hall, Folkestone, Kent, CT20 2DZ, UK

10am - 5pm

Admission - Adults £5
 Accompanied Children
 under 16 FREE!

Model Clubs and Exhibitors
 from the UK and Europe

'Make and Take' for Juniors
 sponsored by Airfix

Excellent Demonstrations,
 Displays & Presentations

Large Prestigious
 Model Competition
 Dedicated 'MAFVA Zone'

...a whole day of Modelling Fun!

on.track@live.co.uk
www.ontrackshow.co.uk

Admin:
 6 Cliffe Road, Barton on Sea,
 New Milton Hants, BH25 7PB



And even more expected!

Subscription
Agent for
the USA and Canada
15 ISSUES FOR ONLY \$127
30 ISSUES FOR ONLY \$240

TO RENEW OR START YOUR
SUBSCRIPTION NOW AND PAY IN
\$. CONTACT OUR AGENT LARRY.
Order Hotline: 717-685-5207

Payments made by cheques in Dollars must
 be made payable to

Larry Weindorf
c/o For the Historian

42 York Street,
Gettysburg, PA 17325

info@forthehistorian.com

www.guidelinepublications.co.uk

Stars of the Next Issue

Bringing You the World's Best Modellers Under One Cover



Nude Warrior

Trumpeter's E-75 goes to war in its Birthday Suit.



French First

The Schneider CA1 is painted and weathered.



Cold War Warrior

Takom's Chieftain comes under the microscope.

Shock and Awe!

Trumpeter's BM-21 delivers a hail of rockets.



On sale in the UK 18 February 2016

74 Military Modelcraft International



Ace ACE72536

1:72 W-15T French WWII 6x6 artillery tractor **£10.99**



Attack ATK72893

1:72 Pz.Kpfw.II Ausf.C Eastern Front with metal gun barrel **£14.99**



HobbyBoss HB80134

1:35 German Sturmpanzer IV early Sd. Kfz.166 "Brummbär" **£27.99**



HobbyBoss HB80136

1:35 Sd.Kfz.131 Panzerjäger II **£20.99**



HobbyBoss HB83812

1:35 Sd.Kfz.221 Leichter Panzerspähwagen (3rd Series) **£26.99**



HobbyBoss HB83826

1:35 Russian T-40S Light Tank **£21.99**



HobbyBoss HB83832

1:35 US GMC CCKW 352 Wood Cargo Truck **£32.99**



HobbyBoss HB83847

1:35 Soviet T-20 Armoured Tractor Komsomolets 1938 **£24.99**



HobbyBoss HB83853

1:35 Soviet T-28 Medium Tank (Riveted) **£32.99**



HobbyBoss HB83861

1:35 Schneider CA - Early **£32.99**



Hobby Boss HB8386

1:35 IDF APC Puma **£45.99**



Meng Model MMSS-009

1:35 9A52-2 Smerch Russian Long-range Rocket Launcher **£99.99**



Meng Model MMTS-022

1:35 Chinese PLZ05 155mm Self Propelled Howitzer **£39.99**



Mini Art MT35129

1:35 USV-BR 76-mm GUN Model 1941 with Limber & Crew **£29.99**



Mini Art MT35145

1:72 Aerosan SEVER - 2 **£36.99**



Mini Art MT35156

1:35 GAZ-05-193 Staff Bu **£36.99**



Mini Art MT35182

1:35 Ukraine KrAZ-6322 Late. **£17.50**



PST PST72082

1:72 GAZ-03-30 m.1933 . Soviet city bus **£11.99**



Tamiya TA32522

1:48 Re-released Jagdpanther late version **£21.99**



Tamiya TA32539

1:48 Re-released King Tiger Sd.Kfz.182 with 'Porsche' Turret **£21.99**



Tamiya TA32540

1:48 Re-released Sturmgeschütz/ StuG.III Ausf.G **£21.99**



Tamiya TA325435

1:48 Re-released Pz.Kpfw.III Ausf.N **£21.99**



First To Fight Kits WWH032

1:72 Polish 7TP double turret Polish light tank **£6.99**



ICM ICM72471

1:72 Typ G4 (1935 production), WWII German Staff Car **£11.99**

Established since 1890 - selling plastic kits since 1955 - your guarantee of service

TRADE ENQUIRIES WELCOME

HANNANTS

H.G.Hannant Ltd, Harbour Road, Oulton Broad,
Lowestoft, Suffolk, NR32 3LZ, England
Tel: 01502 517444 or 0845 130 72 48 (all calls will be charged at local rate)
Fax: 01502 500521
http://www.hannants.co.uk
Enquiries to: sales@hannants.co.uk
London address: Unit 2 Hurricane Trading Estate,
Grahame Park Way, Colindale NW9 5QW Telephone: 020 8205 6697



TELEPHONE NUMBER **0845 130 72 48**
LOCAL RATE FROM UK PHONES ONLY (NOT MOBILES)

POST AND PACKING RATES

Postage is calculated by weight / volume.
Please place items in your cart and postage will be shown at checkout. It is calculated according to your delivery address.
Please note we no longer produce a printed catalogue.



ACRYLIC COLORS FOR WEATHERING TECHNIQUES

Washes and Pigments for weathering and ageing the finish of vehicles, armour and structures.



Follow us on:
/vallejocolors

www.acrylicosvallejo.com

